Phone: (02) 4389 8444 Date: 26/07/05

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RRP Cat No Description

Ex GST Inc GST

Access Control - RFID Devices

1008142-12	RFID & Finger Print Reader/Controller This RFID access controller also has a built in finger print reader as well as a keypad. It is suitable for access control, time recorders etc.	1817.27	1999.00
1008145-12	RFID - PC Based Access Control Software This RFID access controller also has a built in finger print reader as well as a keypad. It is suitable for access control, time recorders etc.	362.73	399.00
1008079-12	RFID Controller This stand-alone single door Controller which will accept inputs from RFID readers, Cat Nos 1008057, 1008080. There is also provision for an alarm loop and a push button connection. It has a card capacity of 9,999 users. Operating Modes - Card only (six digits) or free access using Facility Code (First two digits only). Programmable door release time from 1 to 250 seconds Built-in Watch Dog, the system never hangs Data is protected even after power failure. Programmable alarm loop enable / disable. Access Codes can easily be added or deleted. Supports one RFID reader.	244.55	269.00
1008082-12	RFID Controller - Electric Door Lock A quality stainless steel, electrically operates lock which is activated by an RFID controller. It has the following features: . Concealed mortise mounting Slimline styling suits most narrow profile joinery Continuously rated solenoids Power reduction module-minimises power consumption and maximises durability Door and Bolt position sensor Fully protected against transients Reverse polarity protected Stainless steel bolt Red pilot lamp standard to indicate door locked.	171.82	189.00
1008081-12	RFID Integrated Controller and Proximit This is an integrated RFID Controller, proximity card reader and door lock driver. There is also has provision for an alarm loop and a push button connection. It has a card capacity of 9,999 users, operating modes - Card Only (six digits) or free access using Facility code (first two digits only). programmable door release time from 1 to 250 seconds, Built-in Watch Dog, the system never hangs, Data is protected even after power failure, Programmable alarm loop enable/disable, Access Codes can easily be added or deleted. Facility Code (First two digits only). Programmable door release time from 1 to 250 seconds Built-in Watch Dog, the system never hangs.	317.27	349.00
1008083-12	RFID Proximity Card 0.8mm Thick ABS plastic proximity card which is strong and flexible The dimensions are 85.7 x 54 x 0.8mm (credit card size).	4.09	4.50
1008058-12	RFID Proximity Card 1.8mm Thick ABS plastic proximity card which is strong and flexible The dimensions are 85.7 x 54 x 1.8mm (credit card size). There is a slot at one end to allow it to be attached to a ribbon.	2.95	3.25
1008059-12	RFID Proximity Key Tag RFID Proximity Key Tag for use with RFID readers. Made from ABS plastic material. It is elliptically shaped with dimensions of 43 x 23 x 5mm.	5.91	6.50
1008057-12	RFID Proximity Reader 200mm Just pass an RFID card or tag within 200mm of the reader and it will read the embedded number. Can be used with standard read only ISO cards, with random ID number or tags. Water resistant, suitable for indoor or outdoor use. Built-in watch dog, the system never hangs. Built-in tamper switch detects if case is forced open or destroyed. Multicolour LED with internal or host control. Connects to Cat No 1008079.	244.55	269.00
1008080-12	RFID Proximity Reader 80mm Just pass an RFID card or tag within 80mm of the reader and it will read the embedded number. Can be used with standard read only ISO cards, with random ID number or tags. Water resistant, suitable for indoor or outdoor use	190.00	209.00

indoor or outdoor use.

Built-in watch dog, the system never hangs.

Built-in tamper switch detects if case is forced open or destroyed.

Multicolour LED with internal or host control.

Connects to Cat No 1008079

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1008108-12	RFID Proximity Reader RS232 Type 1	180.91	199.00
	Just pass an RFID card or tag within 100mm to 200mm of the reader and it will read the embedded number. Can be used with standard read only ISO cards, with random ID number or tags. Waterproof potted construction makes it suitable for indoor or outdoor use. It has an RS232 interface to allow connection to a PC and measures only 72H x 45W x 18D.		
1008109-12	RFID Proximity Reader RS232 Type 2 Just pass an RFID card or tag within 100mm to 200mm of the reader and it will read the embedded number. Can be used with standard read only ISO cards, with random ID number or tags. Waterproof potted construction makes it suitable for indoor or outdoor use. It has an RS232 interface to allow connection to a PC and measures only 110H x 80W x 19D.	199.09	219.00
1008143-12	RFID Reader/Controller with LCD Display This RFID access controller has an LCD dispaly and keypad. It is suitable for as a stand alone controller or connected to a PC.	499.09	549.00
Accessori	es - Dust Covers		
8383-12	Keyboard Seal 83 Key for CHERRY G84-440 A moulded plastic keyboard seal for the compact 83 key CHERRY G84-440 keyboard (Cat No. 1008118).	59.09	65.00
8293-12	Keyboard Seal Compact Size 81 key A moulded plastic keyboard seal for the compact 81 key keyboard (Cat. No.8403).	48.18	53.00
X1028-12	Keyboard Seal for 104 keyboard For 'standard' 104 keyboard	46.36	51.00
X1060-12	Keyboard Seal for 107 Black Mitsubishi For 107 key black Mitsubishi Keyboard. Cat No. 1008106.	46.36	51.00
X1084-12	Keyboard Seal for 22 keypad Cat No. 859	46.36	51.00
X1194-12	Keyboard Seal for KB-0316 HP Keyboard	46.36	51.00
Accessorio	es - Miscellaneous		
8497-12	Anti-Static System Mat	35.45	39.00
	Helps prevent stray static charges which can destroy ICs in an instant. With adjustable velcro wrist strap, coiled ground lead and aligator clip. The mat measures 600mm x 600mm and is 4mm thick (flexible enough to be packed away and taken with you).		
8949-12	Anti-Static System Mat for Keyboards Helps prevent stray static charges which can destroy ICs in an instant. With coiled ground lead and aligator clip. The mat measures 550mm x 300mm and is 4mm thick (flexible enough to be packed away and taken with you).	33.41	36.75
8234-12	Anti-Static Wrist Strap Adjustable A must for installing expansion cards or changing ICs. Helps prevent stray static charges which can destroy ICs in an instant. With adjustable velcro wrist strap, coiled ground lead and aligator clip.	18.18	20.00
8092-12	Copy Holder A4 Grip Clip - Side Mount	8.50	9.35
8564-12	Exhaust Fan Dual for Hard Drive Dual fans attached to a ventillated face plate on the front of the computer. Supplies a flow of cool air over your hard drive.	8.18	9.00
8420-12	Exhaust Fan Dual Internal Plenum Dual fans attached to a plenum, which exhaust hot air from the inside of the computer out through vents in the backplane.	8.18	9.00
8912-12	Infrared Data Suite - with PC Software Incredible value, not just an infrared link, but also PC based software for multiple mobile phones and PDAs.	71.82	79.00
	The link connects via a serial port and transfers your address book, logos, ring tones, calendars etc. via infrared to your phone or PDA. It allows address books to be imported via csv files as well as providing backup capability for your phone numbers etc. Mobile phones currently supported include: Nokia 6210, 6110, 6130, 6138, 6150, 7110, 8850, 8890, 8210, 8250. Motorola P7689, L2000, LF2000. Siemens S25, S35i, S2588. Ericsson R320. Also supported are compatible Palm machines with Palm OS 3.3. including Palm Vx, Palm V, Palm IIIx, Palm III and IBM WorkPad C3, 30X. The software operates under Win9x,NT/2000/XP. Not all phones are supported by all Operating Systems.		
9229-12	Infrared Link - Keyboard Adapter for PD Use your standard PC keyboard with your PDA, just switch from the PC to your PDA and back again. Compatible with Palm and Windows CE based PDAs and will communicate over a distance up to 500mm	62.73	69.00

500mm.

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Accessorie	es - Muscenaneous		
8518-12	Infrared Link - M/B Connection 115.2 K This model is designed for computers with a built-in IrDA connector on the mother board. It provides a connection between the motherboard and the backplane and then to the infrared head via a plug in the backplane. Files can be transmitted over a distance of 0mm-1000mm at a transfer rate of up to 115.2 kbps. Most file management software is supported and it is Win 95/98/2000/ME compatible.	68.18	75.00
8941-12	Infrared Link - M/B Connection 4 Mbps This model is designed for computers with a built-in IrDA connector on the mother board. It provides a connection between the motherboard and the backplane and then to the infrared head via a plug in the backplane. Files can be transmitted over a distance of 0mm-1000mm at a transfer rate of up to 4 Mbps. Most file management software is supported and it is Win 95/98/2000/ME compatible.	80.91	89.00
8421-12	Infrared Link - Serial Connection 115. Ideal for use with mobile phones etc. It is suitable for computers without a built-in IR port, the adapter easily connects to any serial port(9-pin). Data transfer rates of up to 115,200 bps are supported. Suitable for use with Win 95/98/2000/ME/XP. Not suitable for Win NT.	53.64	59.00
8923-12	Infrared Link - USB Connection 115.2 Kb Ideal for use with mobile phones etc. It is suitable for computers without a built-in IrDA port, the adapter easily connects to any USB port. Data transfer rates of 115,200 bps (SIR) and 4Mbps (FIR) are supported. A USB connecting cable is included.	62.73	69.00
8944-12	Infrared Remote A/V Selector Do you have a VCR, PlayStation, DVD player, cable box etc that you want to connect to your TV? It is simple with our remote AV selector. Just select the device you want to display on your TV by using any infrared remote controller. It's easy to "teach" the selector which commands to use. RCA stereo. 4 input & 1 output	117.27	129.00
9179-12	Infrared Remote Voice Activated Tell your TV to change channel!No more finding the right remote, just talk to it.Up to 60 voice commands with up to 8 infrared signals each.Thus you can turn on 8 different electronic pieces of equipment or do 8 different operations at the same time.Provides two-user capability. A total of 60 voice commands are allowed, 30 for each user. In addition to the voice-activation, a pair of Channel Scrolling, Volume Control buttons, and 3 Macro-Function buttons are also provided.	180.91	199.00
1008089-12	Infrared Universal Learning Remote with Our latest infra red remote control from Proton won the Innovative Product of the Show at The Consumer Electronics Show in Las Vegas in January 2003. It will learn the control codes from your existing remotes and the macro capability can string up to 60 commands together under one button. In addition it will control up to 16 devices and features a backlit touch screen. There is also a PC to remote control data cable & S/W available. Cat No. 1008146.	199.09	219.00
8924-12	Infrared Universal Remote Control Our universal infra red remote control is suitable for use with satellite and cable TV decoders. This is the only one we could find that would work with Foxtel satellite. It is also compatible with Austar and Optus as well as a miriad of TVs VCRs etc. An ideal companion for our Audio Video RF Link with Infra Red Repeater, see Cat No 11808. Requires four AAA batteries, not included.	43.64	48.00
9180-12	Infrared Voice Activated Controller Wouldn't it be amazing to turn on 3 home electronics with a single voice command? Well now you can, thanks to the intelligent infrared learning capability and powerful voice recognition performance of Micrograms Infrared Voice Activated Controller. Just using your voice, simply wake up the 9180 and give commands. You can enjoy all the functions of your entire home electronics set as you wish, without pressing a button.	217.27	239.00
1008146-12	PC to Remote Control Data Cable & S/W f This PC Data Transfer Cable set is used to connect a 1008089 IR-800 iRemote to a PC's USB port. With the RemoteComm software you can customise screen layouts, setup macros and timers or upload or download finished layouts to the remote control from the PC.	53.64	59.00
15159-12	X-keys Replacement keys - standard set includes 2 vertical keys (occupies 2 single keys up/down), 1 horizontal key (occupies 2 single keys acros) and 1 key cap puller. For use with X-keys Pro, Desktop, Controller or Editor	16.36	18.00
Acor Con	oral		

Acer - General

1626.36 1001017-12 ACER TravelMate 2003LC XPP-B Series 1789.00

The new TravelMate all in one notebook from Acer is a powerful, versatile and dependable portable solution. Ideal in any home of office environment, the TravelMate is the right answer. Bag does not come standard with this model. Extra for carry case.

Adapters and Converters - Adapters

10.00 MB530-12 Adapter AT Keyboard to PS/2 Computer 5 pin DIN female to 6 pin mini DIN male.

11.00

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Cat No Description

Adapters and Converters - Adapters

MBS10-12	15101-12	Adapter Cat 5 UTP Crossover Easily convert any standard straight through UTP cable to a cross over cable. Makes life easy when you need to cascade hubs and there is not an uplink port or you are only networking two computers (card to card).	5.45	6.00
18057-12 Aclapter DB25 Female to DB8 Female Aclapter DB25 pic milet to DB8 pin female Aclapter DB25 pin female to DB8 pin female Aclapter DB25 pin Male to BB45 connector.	MB510-12	Adapter DB15 High Density M to DB9 F	12.73	14.00
M8375A-12 Adapter DRS Shale to DBS permals Adapter DBS Shale to RBS permals Adapter DBS Shale to RBS permals Adapter DBS Shale to RBS permals Adapter DBS Shale to RAS connector. Adapter DBS Shale to RAS connector. Adapter DBS DS in Read to RAS connector. Adapter DBS in Female to RAS connector. Adapter DBS his Rada Adapter DBS his Rada Shale to RAS connector. Adapter CBS connector. CBS rada Shale to RAS connector. Adapter CBS CBS from both devices to they may work simultaneous connection of a FS2 keyboard and RAS connector. Adapter CBS CB	15057-12	Adapter DB25 Female to DB9 Female	8.18	9.00
Adapter D825 in Mole to D8 9 pin Femule Adapter D825 for R45 Adapter D825 for R45 Adapter D825 pin Femule to R455 connector. 15078-12 Adapter D825 pin Femule to R455 connector. 15078-12 Adapter D85 pin Information of R455 connector. 15078-12 Adapter D85 pin Information of R455 connector. 15081-12 Adapter D85 pin Femule to R455 connector. 15091-12 Adapter D89 pin Femule to R455 connector. 15091-12 Adapter D89 pin Femule to R455 connector. 15091-12 Adapter D89 pin Male to R455 connector. 15091-12 Adapter D89 pin Male to R455 connector. 15092-12 Adapter D89 pin Male to R455 connector. 15092-12 Adapter D89 pin Male to R455 connector. 15092-12 Adapter D89 pin Male to R455 connector. 15093-12 Adapter D89 pin Male to R455 connection of two monitors from one V654 port. It's great for training presentations or in standard separate monitors from one Computer. An inbulit amplifier excurse there is or reduction in image quality. Cut #9002 extension colled frequired. 15093-12 Adapter D89 pin Male to R455 connection of two monitors of display from one computer. An inbulit amplifier excurse there is or reduction in image quality. Cut #9002 extension colled frequired. 15093-12 Adapter D89 pin Male to male to male to the monitors of the S65 connection of a frequired. 15093-12 Adapter D89 pin Male to Male to the sandard mice and trachballs. Connects via a P82 port. 15124-12 Adapter D89 pin Male to the sandard with the connection of the connection of a frequired with the sandard preduction of the sandard with the sandard preduction of the sandard with the sandard preduction of the sandard preduction of the sandard preduction of the sandard preduction of the sandard predu	MB375C-12		6.36	7.00
Adapter DB25 pin Female to RJ45 connector. Adapter DB25 pin Mule to RJ45 connector. Adapter DB3 5 pin Mule to RJ45 connector. Adapter DB9 pin Female to RJ45 connector. Adapter DB9 pin Male to RJ45 connector. Adapter DB16 pin Male to RJ45 connector. Adapter DB16 pin Male to RJ45 connector. Adapter DB17 pin Male to RJ45 connector in the same time, or a computer that requires input from two locations was locations who locations was locations and locations and locations and locations are locations and locations are locations and locations and locations are locations and locations are locations and locations are locations are locations and locations are locations and locations are locations are locations and locations are locations are locations are locations are locations are locations and locations are locations a	MB375A-12		12.73	14.00
Adapter DB 25 pin Male to RMS connector. Adapter DBS 16 R.145 Adapter DBS pin Female to RMS connector. Adapter DBS pin Female to RMS connector. Adapter DBS pin Natio to RMS connector. Adapter DBS pin Male to RMS connector of two keyboards from one keyboard port. Connect a specialised keyboard. et p. 200. Adapter DBI Monitor - VGA Adapter Love In the missage quality. Car B9802 extension cable if requirer. In 15090-12 Adapter DBI Monitor - PSI2 Use not pointing devices on one PC. The dual monse adapter allows the simultamenus connection of two compatible pointing devices, such as standard mice and trackballs. Connects via a PS2 port. Adapter Keyboard and Mouse - PSI2 Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PS2 keyboard and and PS2 mouse to a single PS2 port. Please note that this product is not saitable for Windows NT2000/RP. Cat No 15094 (USB connection) is saitable for these systems. Adapter Keyboard and Mouse - USB - High Dr. The High Power Keyboard and Mouse - USB - High Dr. Adapter Keyboard singles which allowe - USB - High Dr. Adapter Keyboard and prover used to see the prover use to provide supplemental. In 17.27 129.00 This adapter allows only Mind PCI and no the devices on the pure years of power usits to wark secundessly with existing software using the USB port. Allows the simultaneous connection of a PS2 keyboard and a PS2 mouse to a to the war was a provided to the sadapter. Adapter	15054-12	·	6.77	7.45
Adapter DB9 pin Famale to R445 connector. Adapter DB9 pin Male to R445 connector. Adapter CB9 pin Male Male S450 pin Male to Male Male Male Male Male Male Male Male	15045-12		6.77	7.45
Adapter DB9 pin Male to RJ45 connector. Adapter Dual Keyboard - PS/2 Allows the simultaneous connection of two keyboards from one keyboard port. Connect a specialised keyboard. g POS, and a standard keyboard at the same time, or a computer that requires input from two locations. 15092-12 Adapter Dual Monitor - VGA Allows the simultaneous connection of two monitors from one VGA port. It's great for training presentations or in situations you need two monitors to display from one computer. An inhalt amplifer ensures there is no reduction in image quality. Cat 99052 extension cable if required. Adapter Dual Mouse - PS/2 Use two pointing devices on one PC. The dual mouse adapter allows the simultaneous connection of two compatible pointing devices, such as standard mice and trackballs. Connects via a PS/2 port. Adapter Keyboard and Mouse - PS/2 Time your Notebook into a deskap with one simple connection. Allows the simultaneous connection of a PS/2 keyboard and a PS/2 mouse o a single PS/2 port. Please note that this product is not suitable for Windows NT/2000xP. Can N 5094 (USB connection) is suitable for measurements of the province of the New Young of the Ne	15078-12	· · · · · · · · · · · · · · · · · · ·	6.77	7.45
Allows the simultaneous connection of two keyboards from one keyboard port. Connect a specialised keyboard, ep POS, and a standard keyboard at the same time, or a computer that requires input from two locations. Adapter Dual Monttor - VGA Allows the simultaneous connection of two monitors from one VGA port. It's great for training presentations or in situations you need two monitors to display from one computer. An inhulat amplifier ensures there is no reduction in image quality. Cat #9082 extension cable if required. Adapter Dual Mouse - PS/2 Use two pointing devices on one PC. The dual mouse adapter allows the simultaneous connection of two compatible pointing devices, such as standard mice and trackballs. Connects via a PS/2 port. 15093-12 Adapter Keyboard and Mouse - PS/2 Turn your Noebook into a desktop with one simple connection. Allows the simultaneous connection of a PS/2 keyboard and Mouse - USB. + High The High Power Keyboard & Mouse Adapter for USB converts PS/2 keyboard signals which allows legacy PS/2 barcode readers or other special high power units to work seamlessly with existing software using the USB port. Accepts for DS/2 devices, the hardware buffers and transmist messages from both devices so they may work simultaneously on one USB port. Unit provides up to 500ml. Use PS/2 input devices on PC. Macintosh or unix workstations that support USB peripherals. 15144-12 Adapter PC1 to Min PC1 Adapter This adapter allows any Min PC1 card to be used in a computer with only full size PC1 slots. No drivers are required to this adapter. 1508-12 Adapter PS2 Keyboard and Mouse - USB Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PS2 keyboard and a PS2 mouse to a USB port. Alternatively you can connect two mice or two keyboards to your notebook. Or with two dapters you can connect two keyboards and no moice to the one computer. All four devices are active at the same time. 15100-12 Adapter UPS pointer and Combiner Kit You know the problem - there	15137-12	·	6.77	7.45
Allows the simultaneous connection of two monitors from one VGA port. It's great for training presentations or in situations you need to we motitors to display from one computer. An inbuilt amplifier ensures there is no reduction in image quality. Cat #9082 extension cable if required. 15090-12 Adapter Dual Mouse - PSC. The dual mouse adapter allows the simultaneous connection of two compatible pointing devices, such as standard mice and trackballs. Connects via a PSV2 port. Adapter Keyboard and Mouse - PSC. The dual mouse adapter allows the simultaneous connection of two compatible pointing devices, such as standard mice and trackballs. Connects via a PSV2 port. Adapter Keyboard and Mouse - PSC. The dual mouse adapter allows the simultaneous connection of a PSV2 keyboard and a PSV mones to a single PSV2 port. Please note that this product is not suitable for Windows NT/2000XP. Cat No 15094 (USB connection) is suitable for these systems. 15124-12 Adapter Keyboard and Mouse - USB - High The High Power Keyboard & Mouse - USB - High The High Power Keyboard and Mouse Adapter or USB converts PSV2 keyboard signals into USB keyboard signals which allows legacy PSV2 barcode readers or other special high power units to work seamlessly with existing software using the USB port. Accepts two PSV2 devices, theratware buffers and transmits messages from both devices so they may work simultaneously on one USB port. Unit provides up to 500mA. Use PSV2 input devices on PC, Macintosh or unix workstations that support USB peripherals. 15144-12 Adapter PSI (exploand to AT Computer Adapter PSI2 keyboard and Mouse - USB Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PSV2 keyboard and PSV2 mouse to a USB port. Alternatively you can connect two mice or two keyboards to your notebook. Or with two adapters you can connect two keyboards and now mice to the one computer. All four devices are active at the same time. Adapter UPT Spititer and Combiner Kit You know the problem - t	15091-12	Allows the simultaneous connection of two keyboards from one keyboard port. Connect a specialised keyboard, eg POS, and a standard keyboard at the same time, or a computer that requires input from	144.55	159.00
Use two pointing devices on one PC. The dual mouse adapter allows the simultaneous connection of two compatible pointing devices, such as standard mice and trackballs. Connects via a PS2 port. 118.18 130.00 12	15092-12	Allows the simultaneous connection of two monitors from one VGA port. It's great for training presentations or in situations you need two monitors to display from one computer. An inbuilt amplifier	240.91	265.00
Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PS/2 keyboard and a PS/2 mouse to a single PS/2 port. Please note that this product is not suitable for Windows NT/2000/XP. Cat No 15094 (USB connection) is suitable for these systems. Adapter Keyboard and Mouse - USB - High The High Power Keyboard & Mouse Adapter for USB converts PS/2 keyboard signals into USB keyboard signals which allows legacy PS/2 barcode readers or other special high power units to work seamlessly with existing software using the USB port. Accepts two PS/2 devices, the hardware buffers and transmits messages from both devices so they may work simultaneously one to USB port. Unit provides up to 500mA. Use PS/2 input devices on PC, Macintosh or unix workstations that support USB peripherals. Adapter PCI to Mini PCI Adapter This adapter allows any Mini PCI card to be used in a computer with only full size PCI slots. No drivers are required to this adapter. Adapter PS/2 Keyboard to AT Computer 5 pin DIN Male to 6 pin MINI DIN Female. Adapter PS/2 Keyboard and Mouse - USB Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PS/2 keyboard and a PS/2 mouse to a USB port. Alternatively you can connect two mice or two keyboards to your notebook. Or with two adapters you can connect two keyboards and two mice to the one computer. All four devices are active at the same time. Adapter UTP Splitter and Combiner Kit You know the problem - there is only one network wall outlet in the room, and you need to install another computer. You can cascade yet another hub, or you can use this neat little kit. The kit has two splitters, one which splits the outlet into two for the two computers and one back at the hub where it plugs into two ports, with only a single cable between them. SCSI 5 2m cable VHC68M - HPD68M 199.09 109.00 15148-12 SCSI 5 2m cable VHC68M - HPD68M 199.09 109.00 15076-12 SCSI III HPD68F to IDC50F Internal Adap SCSI III hepb6ars to IDC50	15090-12	Use two pointing devices on one PC. The dual mouse adapter allows the simultaneous connection of	146.36	161.00
The High Power Keyboard & Mouse Adapter for USB converts PS2 keyboard signals into USB keyboard signals which allows legacy PS/2 barcode readers or other special high power units to work seamlessly with existing software using the USB port. Accepts two PS2 devices, the hardware buffers and transmits messages from both devices so they may work simultaneously on one USB port. Unit provides up to 500mA. Use PS/2 input devices on PC, Macintosh or unix workstations that support USB peripherals. 15144-12 Adapter PCI to Mini PCI Adapter This adapter allows any Mini PCI card to be used in a computer with only full size PCI slots. No drivers are required to this adapter. 15018-12 Adapter PS2 Keyboard to AT Computer Spin DIN Male to 6 pin MINI DIN Female. 15094-12 Adapter PS2 Keyboard and Mouse - USB Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PS-2 keyboard and a PS/2 mouse to a USB port. Alternatively you can connect two mice or two keyboards to your notebook. Or with two adapters you can connect two keyboards and two mice to the one computer. All four devices are active at the same time. 15100-12 Adapter UTP Splitter and Combiner Kit You know the problem - there is only one network wall outlet in the room, and you need to install another computer. You can cascade yet another hub, or you can use this neat little kit. The kit has two splitters, one which splits the outlet into two for the two computers and one back at the hub where it plugs into two ports, with only a single cable between them. 15126-12 SCSI 5 1m cable VHC68M - Cent50M SCSI II high density 68 pin Female to 50 pin Female IDC (Insulation Displacement Connector). 15058-12 SCSI III HpD68M to IDC50M Internal	15093-12	Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PS/2 keyboard and a PS/2 mouse to a single PS/2 port. Please note that this product is not suitable for	118.18	130.00
15144-12 Adapter PCI to Mini PCI Adapter This adapter allows any Mini PCI card to be used in a computer with only full size PCI slots. No drivers are required to this adapter. 15018-12 Adapter PS/2 Keyboard to AT Computer 5 pin DIN Male to 6 pin MINI DIN Female. 15094-12 Adapter PS2 Keyboard and Mouse - USB Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PS/2 keyboard and a PS/2 mouse to a USB port. Alternatively you can connect two mice or two keyboards to your notebook. Or with two adapters you can connect two mice or two one computer. All four devices are active at the same time. 15100-12 Adapter UTP Splitter and Combiner Kit You know the problem - there is only one network wall outlet in the room, and you need to install another computer. You can cascade yet another hub, or you can use this neat little kit. The kit has two splitters, one which splits the outlet into two for the two computers and one back at the hub where it plugs into two ports, with only a single cable between them. 15126-12 SCSI 5 m cable VHC68M - Cent50M 15148-12 SCSI Cable 50 Pin 7.18 7.90 15140-12 SCSI Cable 50 Pin 7.18 7.90 15076-12 SCSI III HPD68F to IDC50F Internal Adap SCSI III high density 68 pin Female to 50 pin Female IDC (Insulation Displacement Connector).	15124-12	The High Power Keyboard & Mouse Adapter for USB converts PS/2 keyboard signals into USB keyboard signals which allows legacy PS/2 barcode readers or other special high power units to work seamlessly with exisiting software using the USB port. Accepts two PS/2 devices, the hardware buffers and transmits messages from both devices so they may work simultaneously on one USB port. Unit provides up to 500mA. Use PS/2 input devices on PC, Macintosh or unix workstations that support USB	177.27	195.00
15018-12 Adapter PS/2 Keyboard to AT Computer 5 pin DIN Male to 6 pin MINI DIN Female. 15094-12 Adapter PS2 Keyboard and Mouse - USB Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PS/2 keyboard and a PS/2 mouse to a USB port. Alternatively you can connect two mice or two keyboards to your notebook. Or with two adapters you can connect two keyboards and two mice to the one computer. All four devices are active at the same time. 15100-12 Adapter UTP Splitter and Combiner Kit You know the problem - there is only one network wall outlet in the room, and you need to install another computer. You can cascade yet another hub, or you can use this neat little kit. The kit has two splitters, one which splits the outlet into two for the two computers and one back at the hub where it plugs into two ports, with only a single cable between them. 15126-12 SCSI 5 1m cable VHC68M - Cent50M 15148-12 SCSI Cable 50 Pin 7.18 7.90 15140-12 SCSI Cable VHD68M - HD68M 1 Mtr 99.09 109.00 15076-12 SCSI III HPD68F to IDC50F Internal Adap SCSI III high density 68 pin Female to 50 pin Female IDC (Insulation Displacement Connector). SCSI III HPD68M to IDC50M Internal	15144-12	This adapter allows any Mini PCI card to be used in a computer with only full size PCI slots. No drivers	117.27	129.00
15094-12 Adapter PS2 Keyboard and Mouse - USB Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PS/2 keyboard and a PS/2 mouse to a USB port. Alternatively you can connect two mice or two keyboards to your notebook. Or with two adapters you can connect two keyboards and two mice to the one computer. All four devices are active at the same time. 15100-12 Adapter UTP Splitter and Combiner Kit You know the problem - there is only one network wall outlet in the room, and you need to install another computer. You can cascade yet another hub, or you can use this neat little kit. The kit has two splitters, one which splits the outlet into two for the two computers and one back at the hub where it plugs into two ports, with only a single cable between them. 15126-12 SCSI 5 1m cable VHC68M - Cent50M 99.09 109.00 15148-12 SCSI Cable 50 Pin 7.18 7.90 15140-12 SCSI Cable VHD68M - HD68M 1 Mtr 99.09 109.00 15076-12 SCSI III HPD68F to IDC50F Internal Adap SCSI III high density 68 pin Female to 50 pin Female IDC (Insulation Displacement Connector).	15018-12	Adapter PS/2 Keyboard to AT Computer	8.18	9.00
Adapter UTP Splitter and Combiner Kit You know the problem - there is only one network wall outlet in the room, and you need to install another computer. You can cascade yet another hub, or you can use this neat little kit. The kit has two splitters, one which splits the outlet into two for the two computers and one back at the hub where it plugs into two ports, with only a single cable between them. 15126-12 SCSI 5 1m cable VHC68M - Cent50M 99.09 109.00 15148-12 SCSI 5 2m cable VHC68M - HPD68M 108.18 119.00 15143-12 SCSI Cable 50 Pin 7.18 7.90 15140-12 SCSI Cable VHD68M - HD68M 1 Mtr 15076-12 SCSI III HPD68F to IDC50F Internal Adap SCSI III high density 68 pin Female to 50 pin Female IDC (Insulation Displacement Connector). SCSI III HPD68M to IDC50M Internal	15094-12	Adapter PS2 Keyboard and Mouse - USB Turn your Notebook into a desktop with one simple connection. Allows the simultaneous connection of a PS/2 keyboard and a PS/2 mouse to a USB port. Alternatively you can connect two mice or two keyboards to your notebook. Or with two adapters you can connect two keyboards and two mice to the	144.55	159.00
15148-12 SCSI 5 2m cable VHC68M - HPD68M 108.18 119.00 15143-12 SCSI Cable 50 Pin 7.18 7.90 15140-12 SCSI Cable VHD68M - HD68M 1 Mtr 99.09 109.00 15076-12 SCSI III HPD68F to IDC50F Internal Adap SCSI III high density 68 pin Female to 50 pin Female IDC (Insulation Displacement Connector). 35.45 39.00 15058-12 SCSI III HPD68M to IDC50M Internal 35.45 39.00	15100-12	Adapter UTP Splitter and Combiner Kit You know the problem - there is only one network wall outlet in the room, and you need to install another computer. You can cascade yet another hub, or you can use this neat little kit. The kit has two splitters, one which splits the outlet into two for the two computers and one back at the hub where it	30.00	33.00
15148-12 SCSI 5 2m cable VHC68M - HPD68M 108.18 119.00 15143-12 SCSI Cable 50 Pin 7.18 7.90 15140-12 SCSI Cable VHD68M - HD68M 1 Mtr 99.09 109.00 15076-12 SCSI III HPD68F to IDC50F Internal Adap SCSI III high density 68 pin Female to 50 pin Female IDC (Insulation Displacement Connector). 35.45 39.00 15058-12 SCSI III HPD68M to IDC50M Internal 35.45 39.00	15126-12	SCSI 5 1m cable VHC68M - Cent50M	99.09	109.00
15143-12 SCSI Cable 50 Pin 7.90 15140-12 SCSI Cable VHD68M - HD68M 1 Mtr 99.09 109.00 15076-12 SCSI III HPD68F to IDC50F Internal Adap SCSI III high density 68 pin Female to 50 pin Female IDC (Insulation Displacement Connector). 35.45 39.00 15058-12 SCSI III HPD68M to IDC50M Internal 35.45 39.00			108.18	119.00
15140-12 SCSI Cable VHD68M - HD68M 1 Mtr 99.09 109.00 15076-12 SCSI III HPD68F to IDC50F Internal Adap SCSI III high density 68 pin Female to 50 pin Female IDC (Insulation Displacement Connector). 35.45 39.00 15058-12 SCSI III HPD68M to IDC50M Internal 35.45 39.00			7.18	7.90
15076-12 SCSI III HPD68F to IDC50F Internal Adap SCSI III high density 68 pin Female to 50 pin Female IDC (Insulation Displacement Connector). 15058-12 SCSI III HPD68M to IDC50M Internal 35.45 39.00			99.09	109.00
15058-12 SCSI III HPD68M to IDC50M Internal 35.45 39.00		SCSI III HPD68F to IDC50F Internal Adap	35.45	39.00
A A A A A A A A A A A A A A A A A A A	15058-12		35.45	39.00

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Adapters a	and Converters - Adapters		
15122-12	SCSI III IDC50F to HPD68M Internal Adap SCSI III high density 50 pin Female to 68 pin Male IDC	45.45	50.00
15149-12	SCSI-III 1m Cable HPD68M - HPD68M	62.73	69.00
15149-12	X-kevs PS/2 Host Emulator	290.00	319.00
13136-12	Copys a master by connecting the between the two units. Allows two way communication between the computer and the PS/2 X-keys to "read" the programming data from the X-keys' non-volatile memor. Data file can then be saved, edited or copied to another K-key unit.	230.00	319.00
Adapters a	and Converters - Converters		
15157-12	Converter Dig I/O and RS232/422/485 to Control your devices across the Net. Our converter has 7 DIO ports with opto isolation as well as a single RS232/422/485 port.	299.09	329.00
IC12-12	Converter RS232 to 20mA Current Loop Used to extend the distance between two RS-232C devices (needs two sets) or to hook-up another system which merely has the alternate interface. This unit is a Bi-Directional interface converter for RS232C and 20mA Current Loop. Each unit contains both active DRIVER (Transmitter) and passive RECEIVER. The RS232C signals are obtained at the normal SUB-D25 connector side and current loop signal pairs are obtained at the opposite side. It must be powered from an external 9V DC 100mA adapter.	171.82	189.00
15134-12	Converter RS232 to Current Loop This RS-232 current loop converter provides an expandable current loop communication for standard RS-232 interface.	153.64	169.00
15151-12	Converter RS232 to Ethernet 4 Port Easily web enable your serial devices. Allows RS232 devices, including modems to be used over a TCP/IP network. Configuration may be performed through the serial port via Telnet or through the ethernet connection.	671.82	739.00
15152-12	Converter RS232 to Ethernet 8 Port Easily web enable your serial devices. Allows RS232 devices, including modems to be used over a TCP/IP network. Configuration may be performed through the serial port via Telnet or through the ethernet connection.	1271.82	1399.00
15073-12	Converter RS232 to Fibre Optic with RTS The fibre optic converter allows RS232 or RS422 signals to be converted to fibre optic for long distance, high speed and high quality communication. There are 3 LED indicators corresponding to RX, CTS and power. Jumpers allow selection of DTE or DCE. HFBR-1414 fibre optical transmitters and HFBR-2416 fibre optical receivers are used and have ST fibre connection. It is suitable for 50/125um, 62.5/125um and 100/140um fibres. A 9v, 500mA power adapter and a serial connecting cable are provided in the package. Only suitable for temperatures between 0 deg - 55 deg.	453.64	499.00
15095-12	Converter RS232 to RS422 Requires power supply Cat No 8453, not included.	126.36	139.00
IC485S-12	Converter RS232 to RS485 The IC-485S is a hardware solution to the problem of converting signals between two standards. Data transfer can be accomplished at up to 1200m and can utilise either 4-wire or 2-wire cable for full or half duplex respectively. The converter copes with any RS-485 device to function as a short haul modem or an interface converter. RTS selection enables up to 32 receivers to be set up in a multi-drop connection, thus making a cost effective network. Point-to-point and monitor connections are also possible. RS232 - DB25 FEMALE RS422 - 4 Screw term. and RJ12. External power NOT REQD.	117.27	129.00
IC485SI-12	Converter RS232 to RS485 with Isolation The IC-485S is a hardware solution to the problem of converting signals between two standards. Data transfer can be accomplished at up to 1200m and can utilise either 4-wire or 2-wire cable for full or half duplex respectively. The converter copes with any RS-485 device to function as a short haul modem or an interface converter. RTS selection enables up to 32 receivers to be set up in a multi-drop connection, thus making a cost effective network. Point-to-point and monitor connections are also possible. RS232 - DB25 FEMALE RS422 - 4 Screw term. and RJ12. External power NOT REQD.	153.64	169.00
15141-12	Converter RS232/422/485 to Ethernet 1 P Easily web enable your serial devices. Allows RS232/422/485 devices, including modems to be used over a TCP/IP network. Configuration may be performed through the serial port via Telnet or through the ethernet connection.	235.45	259.00
15142-12	Converter RS232/422/485 to Ethernet 2 P Easily web enable your serial devices. Allows RS232/422/485 devices, including modems to be used over a TCP/IP network. Configuration may be performed through the serial port via Telnet or through the ethernet connection.	299.09	329.00
15147-12	Converter RS232/422/485 to Ethernet 4 P Easily web enable your serial devices. Allows RS232/422/485 devices, including modems to be used over a TCP/IP network. Configuration may be performed through the serial port via Telnet or through the ethernet connection.	808.18	889.00

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Adapters	and	Converters	- Converters
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15150-12	Converter RS232/422/485 to Ethernet 8 P Easily web enable your serial devices. Allows RS232/422/485 devices, including modems to be used over a TCP/IP network. Configuration may be performed through the serial port via Telnet or through the ethernet connection.	1408.18	1549.00
15074-12	Converter RS422 to Fibre Optic with RTS The fibre optic converter allows the RS422 input signals to be converted to fibre optic signals for long distance, high speed and high quality communication. There are 3 LED indicators to correspond to RxD, CTS and power signals. A 9v, 500mA power adapter is provided in the package. Has ST type connectors. Additional details at www.pccompci.com/accessories-3.htm	471.82	519.00
15136-12	Converter RS422 to Fibre Optic without The fibre optic converter allows the RS422 input signals to be converted to fibre optic signals for long distance, high speed and high quality communication. A 9V, 500mA power adapter is provided in the package. Has ST type connectors. Additional details at www.pccompci.com/accessories-3.htm	444.55	489.00
SXP1001-12	Converter Serial Parallel Serial Bidire An interface converter that allows Centronics and RS-232 devices to communicate with each other (a computer with an RS-232 output to a Centronics printer for example) It is bi-directional, through dip switches to convert serial to parallel or parallel to serial. Baud rate is selectable from 1200 to 115200. Handshaking is also selsctable through DIP switches. Power adapter is included and ports are female DB25 and Male Centronics. operation and a plug pack is included. Connections are via female Centronics to female DB25. It includes a 512kb buffer.	195.45	215.00
SXP1000-12	Converter Serial Parallel Serial Bidire An interface converter that allows Centronics and RS-232 devices to communicate with each other (a computer with an RS-232 output to a Centronics printer for example) It is bi-directional, through dip switches to convert serial to parallel or parallel to serial. Baud rate is selectable from 1200 to 115200. Handshaking is also selsctable through DIP switches. Power adapter is included and ports are female DB25 and Male Centronics.	126.36	139.00
SXP500-12	Converter Serial Parallel Serial Bidire Anon powered interface converter that allows Centronics and RS-232 devices to communicate with each other (a computer with an RS-232 output to a Centronics printer for example) It is bi-directional and converts serial to parallel or parallel to serial. Baud rate is selectable from 1200 to 115200. Handshaking is also selsctable through DIP switches. Ports are female DB9 and Male Centronics.	126.36	139.00
15121-12	Converter USB to 2 x PS/2 (Mouse & Keyb Easily connect your PS/2 keyboard and mouse to your USB port. For PC, iMAC or SUN platforms.	35.45	39.00
15131-12	Keyboard Macro Stick PS/2 XKEY This innovative tool is a powerful time saver. Each of the 16 keys is able to to be dedicated to macros up to approximately 1000 characters. The real beauty of this product is that it fits neatly above the function keys on your keyboard.	208.18	229.00
15135-12	Keyboard Macro Stick USB XKEY This innovative tool is a powerful time saver. Each of the 16 keys is able to to be dedicated to macros up to approximately 1000 characters. The real beauty of this product is that it fits neatly above the function keys on your keyboard.	208.18	229.00
23018-12	Video Cable Adapter S-VHS Female to RCA Convert your S-VHS connector to the very common composite video. Please note: These Adapters will convert an S-VHS source to an RCA input.	8.18	9.00
23019-12	Video Cable Adapter S-VHS Female to RCA Converts a male S-VHS connector to a male RCA composite video plug (RCA). Please note: These Adapters will convert an S-VHS source to an RCA input.	8.18	9.00
23020-12	Video Cable Adapter S-VHS Male to RCA F Connects your female S-VHS plug to Female RCA composite. Please note: These Adapters will convert an S-VHS source to an RCA input.	8.18	9.00

Adapters and Converters - FireWire Accessories

2925-12	Converter PCMCIA to Firewire & USB 2.0	117.27	129.00
2847-12	Firewire Hub 6 Port	77.27	85.00

A 6 port Firewire hub with the following characteristics:

IEEE 1394 and IEEE 1394a compliant with 100,200,400 Mbps data transfer rate. Automatically uses the highest speed the peripherial supports. Supports hotswapping. DC input terminal for external power supply. 6 IEEE 1394 ports for more convienient adding and removing of devices. 6 pon IEEE 1394 I/O connectors. Compact and stackable. Has 4 full size front ports plus 1 mini firewire and 1 full size rear port.

PC/Mac compatible.

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Adapters ar	nd Converters - Gender Changers		

MB361A-12	Gender Changer Centronics C36 F/F	13.64	15.00
MB360A-12	Centronics C36 pin female to Centronics C36 pin female. Gender Changer Centronics C36 M/M	13.64	15.00
MDE00.40	Centronics C36 pin male to Centronics C36 pin male.	10.00	11.00
MB522-12 MB521-12	Gender Changer DB15 F/F 1row 7 & 1 row Gender Changer DB15 F/F VGA DB 15 pin high density female to DB 15 pin high density female.	7.45	11.00 8.20
MB520-12	Gender Changer DB15 High Density M/M DB 15 pin high density male to DB 15 pin high density male.	7.45	8.20
MB321-12	Gender Changer DB25 Female/Female DB 25 pin female to DB 25 pin female.	10.27	11.30
MB320-12	Gender Changer DB25 Male/Male DB 25 pin male to DB 25 pin male.	9.91	10.90
MB371-12	Gender Changer DB9 Female/Female DB 9 pin female to DB 9 pin female.	4.55	5.00
MB370-12	Gender Changer DB9 Male/Male DB 9 pin male to DB 9 pin male.	4.55	5.00
15072-12	Gender Changer Mini Din 6 F/F 6 Pin Mini Din Female/Female Gender Changer	10.45	11.50
15106-12	Gender Changer Mini Din 6 M/M 6 Pin Mini Din Female/Female Gender Changer	10.45	11.50
9104-12	Gender Changer SCSI Cent50/Cent50 F/F Centronics 50 pin Female/Female gender changer	21.27	23.40
9105-12	Gender Changer SCSI Cent50/Cent50 M/M Centronics 50 pin Male/Male gender changer	21.27	23.40
MB524-12	Gender Changer USB A Female - B Male	11.73	12.90
MB523-12	Gender Changer USB AF - AF	11.73	12.90
9253-12	RS232 Null Modem Cable DB9 M/F 1.8m	8.09	8.90
9254-12	RS232 Null Modem Cable DB9 M/M 1.8m	8.09	8.90
Adapters a	and Converters - RS232 Accessories		
MB310-12	RS232 Jumper Box DB25 Male/Female Jumper box comprises of DB25 male connection to DB25 female connection and wires to solder pins.	23.64	26.00
MB455-12	RS232 Loopback Tester DB25 Male/Female This RS232 loopback tester comprises of one male DB25 connection and one DB25 female connection with 4 LED's to monitor pins 2 & 3 (transmit & receive), pins 4 & 5 (RTS & CTS), pins 6 & 20 (DSR & DTR) and pins 15 & 17 (TC & RC).	18.82	20.70
MB340-12	RS232 Mini Tester DB25 Male/Female This RS232 mini tester comprises of one male DB25 connection and one DB25 female connection with 7 LED's to monitor TD, RTS, DSR, CD, RD, CTS &	19.18	21.10
	DTR.		
	Use to monitor the commonly used RS232 interface lines and signals. Can help to diagnose where line problems are accuring in modems and other RS232 devices. Seven tri-state (2 color) led; red means negative voltage and green means positive voltage.		
MB331-12	the lines monitored are line 2(TD), 3(RD), 4(RTS), 5(CTS), 6(DSR), 8(CD), and line 29(DTR). RS232 Null Modem - DB25 Male/Female	12.73	14.00
0050.40	Null modem DB25 pin male to DB25 pin female.	17.73	40.50
9059-12	RS232 Null Modem cable DB25 M/F 2m Two metre Null Modem cable with DB25 male and DB25 female connectors. Has wires 2&3, 4&5 crossed, 6&8 to 20.	17.73	19.50
MB355-12	RS232 Pin2 Pin3 Reverser DB25 M/F Adapter DB25 male to DB25 female with pins 2 & 3 reversed.	11.09	12.20
MB460-12	RS232 Quick Tester DB25 Male/Female DB25 male to DB25 female Check Tester monitors pins 2 (TD),3 (RD), 4 (RTS), 5 (CTS), 6 (DSR), 8 (DCD), 11 (OM), 19 ((s)RTS) and 20 (DTR). Corresponding LED's indicate signal activity.	20.91	23.00
9131-12	RS232 to RS232 Photo Isolator Box The RS232 to RS232 photo isolator box allows the input signals to be isolated up to 1000V. There are 3 LED indicators corresponding to Tx, Rx and power signals. A 9V, 500mA power adapter is included. Connectors are DB25 male/female.	227.27	250.00
9164-12	RS232 to RS232 Photo Isolator Box DIN R The RS232 to RS232 photo isolator box mounts on a standard DIN rail and provides 5kV isolation. There are 3 LED indicators corresponding to TX, RX, and power indicator. Power requirements are 250mA, 12 VDC. A model with 24VDC input is also available.	226.36	249.00

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9165-12	RS232 to RS422 Photo Isolator Box DIN R The RS232 to RS422 photo isolator box mounts on a standard DIN rail and provides 5kV isolation. There are 3 LED indicators corresponding to TX, RX, and power indicator. Power requirements are 250mA, 12 VDC. A model with 24VDC input is also available.	226.36	249.00
9166-12	RS232 to RS485 Photo Isolator Box DIN R The RS232 to RS485 photo isolator box mounts on a standard DIN rail and provides 5kV isolation. There are 3 LED indicators corresponding to TX, RX, and power indicator. Power requirements are 250mA, 12 VDC. A model with 24VDC input is also available.	226.36	249.00
10056-12	Short Haul Modem - Line Driver This short haul modem is able to transmit serial data over transmission distances up to 10 000m at 300 Baud or 800m at 19200 Baud. No external power supply is needed. It provides excellent noise rejection	80.00	88.00

Adapters and Converters - USB Accessories

operation. One unit is required at each end of the link.

2889-12	Converter CardBus to USB 2.0 - 2 Port High performance Cardbus to USB 2.0 adapter. Cardbus is the 32 bit version of the PCMCIA interface, which is 16 bit.	85.45	94.00
2860-12	Converter CardBus to USB 2.0 - 3 Port High performance Cardbus to USB 2.0 adapter. Cardbus is the 32 bit version of the PCMCIA interface, which is 16 bit.	126.36	139.00
2940-12	Converter CF to 1 RS232 Serial DB9M	217.27	239.00

as well as 1500 Volt lightning surge protection. It is configurable as DCE or DTE with full duplex

Now you can add a high-speed RS-232 serial COM port to your mobile computer and maximize your connectivity with speeds up to 921 Kbps. Attach modems, bar code scanners, mag stripe readers, GPS receivers, digital cameras or other RS-232 serial devices. These Mobility FriendlyT cards are the world's lowest power add-on serial adapters, extending the battery life of your PDA.

^{*} CompactFlash Type I card fits in a PC Card adapter (not included) for use with H/PCs and Windows notebooks

2801-12	Converter USB to 1 RS232 - DB25M
	The USB to Serial converter allows a serial device, such as a modem to be connected via the computer
	USB port.

Does have 2000 drivers on disk.

2828-12 Converter USB to 1 RS232 - DB9M 49.09 54.00

Connection; USB Type A Male - Serial DB9M

The USB to Serial converter allows a serial device, such as a modem to be connected via the computer USB port. The serial connection is DB9 Male.Supports: Modem, ISDN-TA, Digital Camera, RS232 Microsoft mouse, Barcode Reader, Card Reader, Palm II & Palm V, Tablet, Label Writer, Fingerprint Verification, Security System.

2920-12 Converter USB to 1 RS232 DB9M - Mini Ve

Connection; USB Type A Male - Serial DB9M

The USB to Serial converter allows a serial device, such as a modem to be connected via the computer USB port. The serial connection is DB9 Male.Supports: Modem, ISDN-TA, Digital Camera, RS232 Microsoft mouse, Barcode Reader, Card Reader, Palm II & Palm V, Tablet, Label Writer, Fingerprint Verification, Security System.

15081-12 Converter USB to ATAPI Allows ATAPI devices to be connected to a USB port.

http://www.mgram.com.au

71.82

49.09

44 55

79.00

54.00

49.00

^{*} Comes with the Hi-Speed COM Tools and drivers which enable users to re-map legacy baud rates to higher speeds such as 230.4, 460.8, or 921.6 Kbps.

^{*} Comes with advanced features to set custom baud rates

^{*} Provides the ability to quickly identify and change COM port assignments

^{*} One RS-232 serial ports

^{*} Includes industry standard DB-9 Connector

^{*} Provides standard 16550 compatible UARTS and compatibility with 16650, 16750 & 16950

^{*} Includes UARTS that contain 128 byte FIFO (twice the size of other solutions)

^{*} Provides hardware flow control

^{*} Comes in CompactFlash or PC card versions with Ruggedized or removable cables

^{*} Comes with Plug & Play and hot-swapping capabilities

^{*} Operates in both 3.3V and 5V Systems

^{*} Uses low power for longer battery life (typical current draw at 3.3v is 2.4mA

^{*} Is compatible with Windows 95OB/98/98SE/Me/2000/XP, Windows CE - HPC Pro 2.11, HPC 2000, and Pocket PC 2000, 2002 & 2003

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2816-12	Converter USB to Ethernet 10/100Mb/s The USB to Ethernet converter allows a notebook or PC to connect to an Ethernet 10Base-T or 100Base-T LAN via a USB port.	62.73	69.00
2685-12	Converter USB to Parallel - Cent36M The USB to Parallel converter is a bridge that links the Universal Serial Bus (USB) interface to the traditional IEEE-1284 parallel interface. It is easy to install and is compatible with most printers from major manufacturers. It has a Centronics connector and plugs directly into the printer.	35.45	39.00
2697-12	Converter USB to Parallel - DB25F The USB to Parallel converter is a bridge that links the Universal Serial Bus (USB) interface to the traditional IEEE-1284 parallel interface. It is easy to install and is compatible with most printers from major manufacturers. It has a DB25F connector which accepts a printer cable.	35.45	39.00
2937-12	USB Docking Station for Notebook Just one USB connection to your Notebook provides all of the following ports: PS/2 keyboard PS/2 mouse 9 pin Serial 25 pin parallel printer 10/100 ethernet LAN Audio input & output	144.55	159.00
	2 x USB 2.0		

Adapters and Converters - VGA Accessories

1008061-12	DVI 17M to VGA HD15F Analog Adapter	26.36	29.00
Audio -	Optical		
23006-12	Audio Converter Optical Toslink to RCA Converts 2 of the most common digital interfaces - Toslink & RCA coaxial (S/PDIF) to allow convenient hookup of most audio equipment. A separate 6V DC 250mA plug pack is required, not included.	44.55	49.00
23005-12	Audio Converter RCA to Optical Toslink Takes popular RCA digital S/PDIF (5.1 channels) and converts to a Toslink optical signal to take advantage of the benefits of optic fibre.	44.55	49.00
23010-12	Audio Optical Adapter - Mini Plug to To Coverts your digital signal from the very common mini jack to Toslink which will be found on many digital amplifiers.	6.36	7.00
23009-12	Audio Optical Adapter - Toslink to Mini Provides a fast, low cost method of converting from a Toslink terminated cable to mini plug. (found on most popular sound cards)	6.36	7.00
23029-12	Audio Optical Cable - 10m - Toslink Long length optical cable with a Toslink connector at each end. Use with our optical extender amplifier Cat No 23007.	49.09	54.00
23030-12	Audio Optical Cable - 15m - Toslink Long length optical cable with a Toslink connector at each end. Use with our optical extender amplifier Cat No 23007.	62.73	69.00
23028-12	Audio Optical Cable - 5m - Toslink Long length optical cable with a Toslink connector at each end. Use with our optical extender amplifier Cat No 23007.	35.45	39.00
23013-12	Audio Optical Cable - High Quality Glas A high quality glass fibre cable 1.5 metres long with Toslink connectors and a thick protective sheath.	44.55	49.00
23014-12	Audio Optical Cable - High Quality Glas Glass fibre premium optical cable 1.5 metres long. Glass provides much lower loss than plastic fibre.	44.55	49.00
23016-12	Audio Optical Cable - Toslink 10mm Shea Plastic Fibre Audion optical cable. This low-cost cable has heavy duty 10mm sheath to protect against accidental kinking and crushing. 1.5 metres long.	17.27	19.00
23017-12	Audio Optical Cable - Toslink 4mm Sheat A very slimline, low cost, fibre cable for use where space is at a premium. This cable has a slender 4mm sheath and is 1.5 metres long.	10.00	11.00
23015-12	Audio Optical Cable - Universal Toslink A really fascinating solution! A slimline optic fibre cable with BOTH Toslink AND Mini jack connectors at each end, on a pivoting connector.	12.73	14.00
23007-12	Audio Optical Extender - Toslink These line amplifiers are designed to facilitate longer fibre runs. They allow input cable lengths up to 4.8 metres and output cable lengths to a maximum of 19.8 metres.	44.55	49.00
23012-12	Audio Optical Joiner - Mini Plug A simple digital optical "line" joiner for use with 2 mini plug connectors. A neat low cost solution.	8.18	9.00

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Audio -	Optical		
23011-12	Audio Optical Joiner - Toslink Need to icin 3 Toslink Cables together up problem with this law cost connector	8.18	9.00
23008-12	Need to join 2 Toslink Cables together; no problem with this low cost connector. Audio Optical Splitter - Toslink These Toslink splitters allow the connection of 2 digital receivers or recorders at the same. This permits playback and recording to be performed simultaneously, eg with mini-disc, etc.	17.27	19.00
23001-12	Audio Optical Switch Box 3 In 1 Out - M A beautifully simple 3-way Mini Jack Switch. Distribute your audio/video digital signal source with the flick of this stylish/quality switch. Single mini-jack in to 3 out.	49.09	54.00
23000-12	Audio Optical Switch Box 3 In 1 Out - T Avoid wear and tear on your optical connections, this robust optical switch allows the convenient selection of up to three optical devices. A similar switch is available for "mini-jack" connectors.	49.09	54.00
23002-12	Audio Optical Switch Box 4 ln 2 Out - T A quality digital optical selector in a VERY "showy" case. This unit provides 4 x Toslink in and 2 x Toslink out.	135.45	149.00
23004-12	Audio Optical- Video / Analogue Convert Input composite video and stereo audio and convert them to S-Video, digital audio and optical audio.	117.27	129.00
23032-12	Audio Optical/Video HD Switch Box 3 In A High Definition A/V switch box with three inputs and one output. Input selection is with an infrared remote control. The Digital Audio / High Definition Video Selector supports 480i/p, 720p, 1080i and has the following	108.18	119.00
	inputs and outputs: Inputs Outputs 3 Component Video 1 Component Video 3 Stereo Audio 1 Stereo Audio 3 Optical Audio 1 Optical Audio		
23023-12	Audio Optical/Video Switch Box 3 In 1 O An A/V switch box with lots of connectors including optical audio. It is a really well built digital optical switch box with a remote control, able to switch three discrete input channels. Each channel has S-VHS, composite, audio and Optical audio inputs to a single output also with S-VHS, Composite and Optical audio.	135.45	149.00
23003-12	Audio Optical/Video Switch Box 3 In 1 O An A/V switch box with lots of connectors including optical audio. It is a really well built digital optical switch box with a remote control, able to switch three discrete input channels. Each channel has S-VHS, composite, audio and Optical audio inputs to a single output also with S-VHS, Composite and Optical audio.	135.45	149.00
23021-12	Audio USB Sound Box to Toslink/Analogue Convert your PC's sound through USB to either Analog sound (3.5mm stereo phono jack) or Digital (Optical Toslink socket). Perfect for recording to a mini-discs optical input or to your walkmans phono jack.	71.82	79.00
23026-12	Audio Video Switch Box 2 In 4 Out An A/V switch box which has two RCA AV, and two S-Video inputs. On the output side it has four RCA AV, and four S-Video connectors.	126.36	139.00
23024-12	RCA to Firewire Convertor ADVC-100 High-quality Bi-directional Analog/DV conversion Convert S-VHS, Hi8 and 8mm analog tapes to DV in one simple step using the ADVC100. ADVC100 connects with all analog and DV video equipment and is compatible with editing systems for Windows and Mac OS.	635.45	699.00
23025-12	USB to 5.1 Channel Sound Adapter If you need 5.1 Channel Audio on your Desktop or Laptop, this USB2.0 adapter is the perfect solution for it. Comes with Dolby Digital Real Time Content Encoder, and Xear 3D Sound Technology software.	90.00	99.00
Barcod	e Readers - CCD		
8987-12	Bar Code CCD ASP Zapper Int Dcder PS/2 A High performance (200 scans per second) CCD Barcode Scanner. The Zapper only has AT or PS/2 connections. A depth of field 0-30mm with an image sensor 2048 bit CCD this 80mm hand scanner can grab any barcode that comes too near.	290.91	320.00
1008178-1	Bar Code CCD Bluetooth Scanner+Dongle f 1008178 is a wireless barcode scanner featuring Bluetooth communication. This slim-line device utilises CCD technology and has a range of up to 10 metres with multiple slave units to one master. The low powered unit operates from 2 type AA batteries and has LED indications for system status. The dongle for the PC is included.	726.36	799.00
8440-12	Bar Code CCD Hi Scan Int Dcder KB 80mm	499.09	549.00

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Barcode Readers - CCD

1008088-12	Bar Code CCD Opticon Int Dcder PS/2 60m The compactly designed OPT6125 scanner can scan a barcode on approach. The user can choose to scan automatically or to use the triggerkey provided on the scanner. The XPT6125 has the ability to read both high density labels and dot matrix labels, as well as coloured labels. Being well suited for retail applications, and with its compact design and low power consumption the OPT6125 is ideal for portable applications.		319.00
9248-12	Bar Code CCD Scanner Cipher Lab 1000 PS Excellent Cost Saving Model All Major Symbologies Supported	208.18	229.00
9249-12	Bar Code CCD Scanner Cipher Lab 1000 US Excellent Cost Saving Model All Major Symbologies Supported	235.45	259.00
8698-12	Bar Code CCD Scanner KB Wedge AT-PS/2 8 Stand for this scanner is also available. Cat No 8675.	244.55	269.00
8696-12	Bar Code CCD Scanner KB Wedge Cable Onl	31.82	35.00
8920-12	Bar Code CCD Scanner Long Range Gun Sta A stand with a flexible stem for Cat No 8919.	33.64	37.00
8921-12	Bar Code CCD Scanner Rubber holder for A small, neat, desktop stand for Cat No 8698.	23.64	26.00
8870-12	Bar Code CCD Scanner Serial 80mm Stand for this scanner is also available. Cat No 8921.	244.55	269.00
8675-12	Bar Code CCD Scanner Stand for Cat No 8 Stand for barcode scanner Cat No 8866.	71.82	79.00
8954-12	Bar Code CCD Scanner USB 80mm The CCD Reader has a built-in intelligent decoder unit and interface to connect to the USB port of a personal computer.		299.00
8697-12	Bar Code CCD Scanner USB Cable Only for	50.00	55.00
9259-12	Bar Code Laser Scanner Cipher Lab 1260 This is the Bluetooth Laser Scanner Body Only. No base.	890.00	979.00
9260-12	Bar Code Laser Scanner Cipher Lab 1260 This is the Bluetooth Laser Scanner Body, Base and USB HID Cable.	1253.64	1379.00
8443-12	Bar Code Reader Cable RS232C for 8196 a 9-Pin Female serial cable for Cat. Nos. 8196 and 8440. Needs Cat 8452 9VDC 150mA.	36.36	40.00
8507-12	Bar Code Reader Cable RS232C for 8695 9-Pin Female serial cable for Cat. Nos. 8695. Needs Cat 8452 9VDC 150mA.	36.36	40.00
8969-12	Bar Code Reader Cable RS232C for 8695 / 9-Pin Female serial cable for Cat No. 8695 or 8919. Needs Cat 8453 9VDC 500mA	36.36	40.00
9277-12	Bar Code Scanner CCD Denso HC-36 Light CCD 65mm Reading Window Advanced data editing capabilities Ultra-lightweight & Ergonomic Design Approx 120g weight	290.00	319.00
8708-12	Bar Code Wand Decoded KB Wedge PS/2 The MSH220 series is a range of pen type bar code readers with built-in decoder. This means that the wand can be connected directly to many devices like terminals, Personal Computers and POS equipment. Apart from keyboard wedge for a range of terminals, the MSH220 is also available with, RS232 and OCIA interface. Serial can be powered from the serial port, if available.	335.45	369.00

Barcode Readers - Laser

1008050-12	Bar Code ASP QS6000 Laser Gun Auto Sens Auto Sense Stand for use with Cat No. 1008015.	126.36	139.00
1008128-12	Bar Code DataLogic Lynx Hand Held Scann The DataLogic Lynx Barcode Scanner is based on a matricial CCD sensor (640 x 480 pixel), the Lynx allows "omnidirectional" reading of the most common 1D symbologies as well as a wide variety of 2D and stacked codes. Furthermore, the Lynx can be used for "image-based" applications like signature capture, OCR and so on.	2317.27	2549.00
1008127-12	Bar Code DataLogic Lynx Hand Held Scann	2195.45	2415.00
1008078-12	Bar Code Laser Auto Trigger Opticon PS2 The small sized and light weight OPL6735 bar code laser scanner with auto-triggering feature automatically scan a bar code as soon as the label is detected by the scanner. Can read up to 35cm	462.73	509.00

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 ${\it distance \ depending \ on \ the \ bar \ code.} \ {\it Stand \ included}.$

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1008148-12	Bar Code Laser Auto Trigger Opticon STA Stand to suit Cat No. 1008078	40.91	45.00
8777-12	7-12 Bar Code Laser Auto Trigger PS/2 Optico The small sized and light weight OPL6735 bar code laser scanner with auto-triggering feature automatically scan a bar code as soon as the label is detected by the scanner. Can read up to 35cm distance depending on the bar code. Includes stand.		599.00
8745-12	Bar Code Laser Auto Trigger USB Opticon The small sized and light weight OPL6735 bar code laser scanner with auto-triggering feature automatically scan a bar code as soon as the label is detected by the scanner. Can read up to 35cm distance depending on the bar code. Includes stand.	631.82	695.00
1008181-12	Bar Code Laser Grabba for DELL AXIM Poc	717.27	789.00
1008122-12	Bar Code Laser Grabba U1 Palm Universal This is the latest device designed specifically for use with the PalmHhandheld computers. Turns your PalmT Handheld into a powerful data collection device with a Grabba. The Grabba U1 simply clips onto your Palm in seconds using the integrated connectors. The Grabba's internal batteries mean that no power is taken from your Palm. Your Grabba U1 can even be placed in the HotSync cradle for charging with the Palm attached.	717.27	789.00
8771-12	Bar Code Laser Gun Auto Serial By simply changing the cable, this laser gun can be configured as keyboard wedge, serial, OCIA or Wand interface. It uses a Metrologic engine and the configuration can be downloaded from a PC via the serial port or programmed from the codes in the supplied manual. An optional stand is available and the scanner can be programmed to auto trigger when an object is passed in front of it.	683.64	752.00
8772-12	Bar Code Laser Gun Auto Stand Stand for Cat Nos 8767, 8770 and 8771.	36.36	40.00
1008160-12	Bar Code Laser Gun Cino FBC-6860 PS/2 Bright aiming line for a distance of 12" reading and visibility. High speed scanning, 300 scans/sec, for snappy bar code capture.	317.27	349.00
1008162-12	Bar Code Laser Gun Cino FBC-6860 Stand	80.91	89.00
1008048-12	Bar Code Laser Gun Scanner - Body Only A very stylish laser gun that really looks the part, at an incredible price!	346.36	381.00
	It can be easily changed from Keyboard Wedge to RS232 serial or to USB by changing the cable and programming the scanner setup.		
1008049-12	Bar Code Laser Gun Scanner - PS/2 Cable PS/2 cable for use with Laser scanner Cat No 1008039	44.55	49.00
1008049BLK-12	Bar Code Laser Gun Scanner - PS/2 Cable PS/2 cable for use with Laser scanner Cat No 1008039	44.55	49.00
1008040-12	Bar Code Laser Gun Scanner - USB Cable USB cable for use with Laser scanner Cat No 1008039 & 8866	48.18	53.00
1008039-12	Bar Code Laser Gun Scanner Keyboard Wed A very stylish laser gun that really looks the part, at an incredible price! It has a PS/2 keyboard wedge interface and can be converted to serial or USB by simply reprogramming and fitting the appropriate cable (available separately). A stand is available for this product - Cat 8868.	362.73	399.00
1008043-12	Bar Code Laser Gun Scanner Serial Inter A very stylish laser gun that really looks the part, at an incredible price! It has a serial interface and is powered via a PS/2 keyboard power tap. A USB power tap is optionally available (Cat No 9149). It can also be converted to Keyboard Wedge or USB by reprogramming and fitting the appropriate cable (available separately).	365.45	402.00
1008042-12	Bar Code Laser Gun Scanner USB Interfac A very stylish laser gun that really looks the part, at an incredible price! It has a USB interface and can be converted to serial or Keyboard Wedge by simply reprogramming and fitting the appropriate cable (available separately).	365.45	402.00
1008149-12	Bar Code Laser Scanner Gun Metrologic P Metrologic Voyager MS9540 Scanners feature Metrologic's CodeGate technology. CodeGate is a built- in scanning system that is ideal for all scanning applications, including menu-scanning, Point of Sale, and inventory.	444.55	489.00
1008147-12	Bar Code Laser Scanner Gun Metrologic S	517.27	569.00
1008182-12	Bar Code Laser Scanner Gun Metrologic U Metrologic Voyager MS9540 Scanners feature Metrologic's CodeGate technology. CodeGate is a built- in scanning system that is ideal for all scanning applications, including menu-scanning, Point of Sale, and inventory.	517.27	569.00
8868-12	Bar Code Laser Scanner Gun Stand The stand that completes the picture for the 1008030	44.55	49.00

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The stand that completes the picture for the 1008039

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В	ar	CO	de	Rea	ders	-	Laser
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8866-12	Bar Code Laser Scanner Keyboard Wedge P This is an economical laser scanner in the style of a CCD scanner. It can be easily changed from Keyboard Wedge to USB by changing the cable and programming the scanner setup. Stand to suit this	299.09	329.00	
	scanner is 8675			
9217-12	Bar Code Laser Scanner USB (8866/USB) This is an economical laser scanner in the style of a CCD scanner. It can be easily changed from USB to Keyboard Wedge by changing the cable and programming the scanner setup.	317.27	349.00	
1008180-12	Bar Code Omni-Direct Laser Scanner PSC	653.64	719.00	
1008097-12	Bar Code Omni-Directional Laser Scanner An affordable, vertically mounted, small footprint, omni-directional laser scanner which is ideally suited to super market checkouts and the like. Connects to the computer via a keyboard wedge, USB or serial interface. Just specify which cable you need.	962.73	1059.00	
1008101-12	Bar Code Omni-Directional Laser Scanner Serial cable to connect Cat No 1008085 to a standard PC serial port.	30.91	34.00	
1008102-12	Bar Code Omni-Directional Laser Scanner Serial cable to connect Cat No 1008085 to DCE equipment. Fairly unusual, but this is it if you need it.	35.45	39.00	
1008085-12	Bar Code Omni-Directional Laser Scanner An affordable, vertically mounted, small footprint, omni-directional laser scanner which is ideally suited to super market checkouts and the like. Connects to the computer via a keyboard wedge, USB or serial interface. Just specify which cable you need.	908.18	999.00	
1008100-12	Bar Code Omni-Directional Laser Scanner PS/2 keyboard wedge cable for Cat No 1008085	26.36	29.00	
1008098-12	Bar Code Omni-Directional Laser Scanner An affordable, vertically mounted, small footprint, omni-directional laser scanner which is ideally suited to super market checkouts and the like. Connects to the computer via a keyboard wedge, USB or serial interface. Just specify which cable you need.		1059.00	
1008099-12	Bar Code Omni-Directional Laser Scanner An affordable, vertically mounted, small footprint, omni-directional laser scanner which is ideally suited to super market checkouts and the like. Connects to the computer via a keyboard wedge, USB or serial interface. Just specify which cable you need.		1059.00	
1008103-12	Bar Code Omni-Directional Laser Scanner USB cable to connect Cat No. 1008085 to PC USB port.		59.00	
8604-12	Bar Code Omni-Directional Laser Symbol This hands free scanner offers a large, user friendly scan pattern for true omni-directional scanning that provides "can't miss" operation, no matter how the user presents the bar code code - even if it's swiped rapidly past the scanner.		929.00	
1008015-12	Bar Code QS6000 Laser Gun Scanner PS/2 Laser is built by PSC of the USA, and offers great performance at an affordable price. It will read practically any barcode symbology, and its 33cm depth of field and bright, easily seen red beam line, makes barcode reading a snap. The combination of a durable plastic case with contrasting resiliant rubber like sections protects the Scanner against workday knocks and drops. Interfaces include RS232 and PC Keyboard Emulation, and its low power consumption and trigger operation makes it a natural		599.00	
1008150-12	for use with ASP's Z4 DataTraq Portable if you need to roam. Bar Code QS6000 Laser Gun Scanner Seria The QS6000 Plus handheld scanner offers great performance at a very affordable price. With a high first pass read rate and the best speed-to-read of any scanner in its class, the QS6000 Plus speeds retail checkout. And its 33 cm depth of field with 100% UPC labels extends the users working range.		599.00	
1008169-12	Description Bar Code QS6000 Laser Gun Scanner USB Laser is built by PSC of the USA, and offers great performance at an affordable price. It will read practically any barcode symbology, and its 33cm depth of field and bright, easily seen red beam line, makes barcode reading a snap. The combination of a durable plastic case with contrasting resiliant rubber like sections protects the Scanner against workday knocks and drops. Interfaces include RS232 and PC Keyboard Emulation, and its low power consumption and trigger operation makes it a natural for use with ASP's Z4 DataTrag Portable if you need to roam.			
1008174-12	Bar Code Scanner DataLogic 2D D200 PS/2 Datalogic has moved a step ahead in the concept of "instinctive reading". The new Gryphon reader series has been developed to provide optimised reading performance through excellent ergonomic design, a natural instinctive reading approach and innovative good reading feedback.	453.64	499.00	
1008164-12	Bar Code Scanner DataLogic DLL-2020 Omn Presentation scanner, small footprint, high "First-Pass" rate, "single line" mode, shock resistant and Antiskid design, EAS optional kit, OLE for POS compliance.	653.64	719.00	
1008186-12	Bar Code Scanner PSC Magellan 2300HS RS	835.45	919.00	

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В	arc	ode	Readers	- Laser
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1008197-12	Bar Code Scanner PSC Powerscan Cordless This is the "gun" only, also need Cat No. 1008198 Base.	999.09	1099.00
	The PowerScan family of handheld laser bar code scanners has been designed from the ground up to meet the demands of industrial users needing fast, accurate scanning capabilities.		
	PowerScan scanners autodiscriminate all standard bar code symbologies and automatically adjust to read a wide range of code densities down to 2.5 mils. Meeting the most stringent drop specification in the industry, PowerScan scanners are manufactured from high impact-resistant material and incorporate protective rubber cushioning at every point of impact. In addition, the scan window is made from a shatterproof material and is diamond coated to resist scratching. Added protection, provided by a frictionless scan mechanism and shock mountings for all internal optical components, ensure that PowerScan is the most rugged family of industrial handheld scanners on the market.		
1008198-12	BarCode Scanner PSC Powerscan Base for This is the base station only for Cat No. 1008197 Bar Code Scanner PSC Powerscan Cordless Industrial	699.09	769.00
	PS/2 Connection.		
8615-12	Omni-Directional Laser Symbol LS9208 PS This hands free scanner offers a large, user friendly scan pattern for true omni-directional scanning that provides "can't miss" operation, no matter how the user presents the bar code code - even if it's swiped rapidly past the scanner.	726.36	799.00
8613-12	Symbol Laser LS-2208 Auto Sense Barcode Stand Included.	453.64	499.00
8613BLK-12	Symbol Laser LS-2208 Auto Sense Barcode Stand Included.	453.64	499.00
8614-12	Symbol Laser LS-2208 Auto Sense Barcode Stand Included.	453.64	499.00
8617-12	Symbol PDT1100 or BHT-8044 Replacement	53.64	59.00
Barcode R	eaders - Portable		
1008094-12	Bar Code DataLogic Dragon Reader RS-232	2317.27	2549.00
1008154-12	Bar Code DataLogic M100 Reader PS/2 Cor The M100 model is a wireless scanner, allowing operations anywhere mobility is required at the desk/POS and around the shop floor, as well as in a small warehouse. The new "green spot", produced by the Gryphon provides "good reading" feedback directly on the code, where the user usually tends to be looking.	1180.91	1299.00
8543-12	Bar Code Portable Data Term Symbol SPT- The SPT 1800 Series of pen-notepad computers offers the most advanced Palm PoweredT solution for your work force. This family of rugged mobile computers combines integrated scanning, sophisticated wireless connectivity and powerful processing capability with the Palm OSr platform. With 1-D bar code data capture and wireless local area network (WLAN) or wireless wide area network (WWAN) communications, the SPT 1800 Series is a powerful productivity-enhancing tool, serving the multiple needs of today's growing mobile workforce. This is the 8Mb version, 16Mb pricing available upon request.	1450.00	1595.00
		244.55	269.00
9196-12	Bar Code Scanner Basic Compiler for BHT This is development software to suit BHT series.	244.55	
	· · · · · · · · · · · · · · · · · · ·	681.82	750.00
9196-12 9218-12 9188-12	This is development software to suit BHT series. Bar Code Scanner BHT-8044 Charging/Uplo		750.00 1599.00

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operation with intelligent decoding and interface flexibility.

 $operation\ with\ intelligent\ decoding\ and\ interface\ flexibility.$

Bar Code Scanner Posiflex CD-2860 PS/2

Bar Code Scanner Posiflex CD-2860 PS/2

9225-12

9225BLK-12

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253.64

268.18

279.00

295.00

The POSIFLEX Bar Code Scanners provide an ergonomic and lightweight design for comfortable

The POSIFLEX Bar Code Scanners provide an ergonomic and lightweight design for comfortable

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The POSIFIEX Par Code Scanner positive to intelligent deceding and intergines petitivities. 9243-12 Bar Code Scanner Positive CD-2805 Seria Prover Supply for Seria Prover Supply Prover Supply for six Cat No. 9201 Prover Supply for six Cat No. 920	Barcode	Readers - Portable		
Sacroscopies Sacr	9230-12	The POSIFLEX Bar Code Scanners provide an ergonomic and lightweight design for comfortable	262.73	289.00
Sear Code Scanner Position CD-2880 USB The POSITIES Red Code Sources provide an ergonomic and lightweigh design for confionable operation with intelligent decoding and interface floatbility.	9243-12	Bar Code Scanner Posiflex CD-2860 Seria	53.64	59.00
2020-12	9233-12	Bar Code Scanner Posiflex CD-2860 USB The POSIFLEX Bar Code Scanners provide an ergonomic and lightweight design for comfortable	290.00	319.00
18th Laser RS-232 portable terminal includes power supply. RS-232 sled (download cradle) which uploads and downloads. Also comes with a FREE program generator. 9239-12 Portable Data Terminal Cipher Lab CPT-8 18th CCD RS-232 portable terminal includes power supply. RS-232 sled (download cradle) which uploads and downloads. Also comes with a FREE program generator. 9221-12 Portable Data Terminal Cipher Lab CPT-8 18th CCD RS-232 portable terminal includes rechargable battere, power supply and RS-232 charging cradle which uploads and downloads. Also comes with a FREE program generator. 9266-12 Portable Data Terminal Cipher Lab CPT-8 18th Laser RS-232 portable terminal includes rechargable battery, power supply and RS-232 charging cradle which uploads and downloads. Also comes with a FREE program generator. 9250-12 Portable Data Terminal Cipher Lab CPT-8 28th CCD RS-232 portable terminal includes rechargable battery, power supply and RS-232 charging cradle which uploads and downloads. Also comes with a FREE program generator. 999.09 1099.01 9258-12 Portable Data Terminal Cipher Lab CPT-8 28th CCD USB promate terminal includes rechargable battery, power supply and RS-232 charging cradle which uploads and downloads. Also comes with a FREE program generator. 1026.36 1129.01 1026.36 1129.01 1026.36 129.01 1026.36 129.01 1026.37 Portable Data Terminal Cipher Lab CPT-8 28th CCD USB promate terminal includes rechargable battery, power supply and USB charging cradle which uploads and downloads. Also comes with a FREE program generator. 1026.36 129.00 319.01 1026.36 129.00 319.01 1026.36 129.00 319.01 1026.36 129.00 319.01 1026.36 129.00 319.01 1026.36 129.00 319.01 1026.36 129.00 320.00 319.01 1026.36 129.00 320.00 319.01 1026.36 129.00 320.00 320.00 319.01 1026.36 129.00 320.	9202-12	Bar Code Scanner Posiflex Power Supply	54.55	60.00
Mb CCD RS-322 portable terminal includes power supply. RS-323 seld (download cradle) which uploads and downloads. Also comes with a FREE program generator. Portable Data Terminal Cipher Lab CPT-8 IMb CCD RS-322 portable terminal includes rechargable batters, power supply and RS-232 charging cradle which uploads and downloads. Also comes with a FREE program generator. Portable Data Terminal Cipher Lab CPT-8 IMb Care RS-325 portable reminal includes rechargable battery, power supply and RS-232 charging cradle which uploads and downloads. Also comes with a FREE program generator. Portable Data Terminal Cipher Lab CPT-8 IMb CCD RS-322 portable reminal includes rechargable battery, power supply and RS-232 charging cradle which uploads and downloads. Also comes with a FREE program generator. Portable Data Terminal Cipher Lab CPT-8 IMb CCD RS-322 portable reminal includes rechargable battery, power supply and RS-232 charging cradle which uploads and downloads. Also comes with a FREE program generator. Portable Data Terminal Cipher Lab CPT-8 IMb CCD RS-322 portable reminal includes rechargable battery, power supply and USB charging cradle which uploads and downloads. Also comes with a FREE program generator. Portable Data Terminal Cipher Lab CPT-8 IMb CCD RS-322 portable reminal includes rechargable battery, power supply and USB charging cradle which uploads and downloads. Also comes with a FREE program generator. Portable Data Terminal Cipher Lab CPT-8 IMb CCD RS-322 portable reminal to PREE program generator. Portable Data Terminal Cipher Lab CPT-8 IMb CCD RS-322 portable reminal to PREE program generator. Portable Data Terminal Cipher Lab CPT-8 IMb CCD RS-322 portable reminal RS-322 portable RS-322 portable reminal RS-322 portable reminal RS-322 portable RS-322 portable reminal RS-322 portable reminal RS-322 portable R	9270-12	1Mb Laser RS-232 portable terminal includes power supply, RS-232 sled (download cradle) which	999.09	1099.00
MAD CCD RS-232 portable terminal includes rechargable battery, power supply and RS-232 charging cradle which sploads and denowloads. Also comes with a FREE program generator. Portable Data Terminal Cipher Lab CPT-8 IABO Laser RS-232 portable terminal includes rechargable battery, power supply and RS-232 charging cradle which sploads and downloads. Also comes with a FREE program generator. Portable Data Terminal Cipher Lab CPT-8 240 CCD RS-232 portable terminal includes rechargable battery, power supply and RS-232 charging cradle which sploads and downloads. Also comes with a FREE program generator. Portable Data Terminal Cipher Lab CPT-8 240 CCD USB portable terminal includes rechargable battery, power supply and USB charging cradle which sploads and downloads. Also comes with a FREE program generator. Portable Data Terminal Cradle - Symbol Cradle to sait SPT-1800 Terminal. Uploads and charges. Barcode Readers - Slot	9239-12	1Mb CCD RS-232 portable terminal includes power supply, RS-232 sled (download cradle) which	726.36	799.00
180.91 1299.00 1299.	9221-12	1Mb CCD RS-232 portable terminal includes rechargable battery, power supply and RS-232 charging	880.91	969.00
Portable Data Ferminal Cipher Lab CPT-8 2Mb CCD RS-232 portable terminal includes rechargable battery, power supply and RS-232 charging cradle which uploads and downloads. Also comes with a FREE program generator.	9266-12	Portable Data Terminal Cipher Lab CPT-8 11Mb Laser RS-232 portable terminal includes rechargable battery, power supply and RS-232 charging	1180.91	1299.00
9258-12 Portable Data Terminal Cipher Lab CPT-8	9250-12	Portable Data Terminal Cipher Lab CPT-8 2Mb CCD RS-232 portable terminal includes rechargable battery, power supply and RS-232 charging	999.09	1099.00
### Barcode Readers - Slot 1008119-12	9258-12	Portable Data Terminal Cipher Lab CPT-8 2Mb CCD USB portable terminal includes rechargable battery, power supply and USB charging cradle	1026.36	1129.00
1008119-12 Bar Code Slot Reader PS/2 Datalogic 426.36 469.00 1008190-12 Bar Code Slot Reader Serial DB9 Datalog 468.18 515.00 515	8544-12	Portable Data Terminal Cradle - Symbol	290.00	319.00
1008190-12 Bar Code Slot Reader Serial DB9 Datalog 468.18 515.00	Barcode	Readers - Slot		
Cables - Audio Video	1008119-12	Bar Code Slot Reader PS/2 Datalogic	426.36	469.00
9116-12 Audio Video Cable - 3xRCA Plug to 3xRCA 1.5 metre low capacitance Audio Video connecting cable. 3 x RCA Plugs to 3 x RCA Plugs 9181-12 Audio Video Cable - SCART Plug to 3 x RCA Plugs for using RF links. 9123-12 Audio Video Cable - SCART Plug to 6 x R 1.5 metre 3 Core Scart AV connecting cable.Scart Plug to 3 x RCA Plugs for using RF links. 9123-12 Audio Video Cable - SCART Plug to 6 x R 1.5 metre 6 Core Scart AV connecting cable.Scart plug to 6 x RCA plugs. Cables - Coax Cables - Coax Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9264-12 Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9127-12 Wireless LAN Antenna Patch Cable 50 Ohm RGS8 5.1mm OD. Nominal loss at 2.5GHz 0.83 dB/m. 9216-12 Wireless Pigtail F/F Gender Changer 9200-12 Wireless Pigtail Female MMCX to Male N Adapts our high power wireless LAN cards to an N Female connector. Consists of an LPEX MHF series plug, also known as U.FL (Hirose), to N Female bulkhead mount. 9219-12 Wireless Pigtail Male N to Reverse Pola 2000 mm length cable assembly using RG316. 9162-12 Wireless Pigtail Reverse MMCX to N Male			468.18	515.00
1.5 metre low capacitance Audio Video connecting cable. 3 x RCA Plugs to 3 x RCA Plugs 9181-12 Audio Video Cable - SCART Plug to 3 x R 1.5 metre 3 Core Scart AV connecting cable. Scart Plug to 3 x RCA Plugs for using RF links. 9123-12 Audio Video Cable - SCART Plug to 6 x R 1.5 metre 6 Core Scart AV connecting cable. Scart plug to 6 x RCA plugs. Cables - Coax Cables - Coax Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9264-12 Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9127-12 Wireless LAN Antenna Patch Cable 50 Ohm RG58 5.1 mm OD. Nominal loss at 2.5 CHz 0.83 dB/m. 9216-12 Wireless Pigtail Female MMCX to Male N Adapts our high power wireless LAN cards to an N Female connector. 9191-12 Wireless Pigtail LPex MHF to N Female Connects our mini PCI 802. I large card to an N female connector. 9219-12 Wireless Pigtail Male N to Reverse Pola 200 mm length cable assembly using RG3 16. 9162-12 Wireless Pigtail Reverse MMCX to N Male 27.27 30.00 27.27 30.00 27.27 30.00	Cables -	Audio Video		
9181-12 Audio Video Cable - SCART Plug to 3 x R 1.5 metre 3 Core Scart A/V connecting cable.Scart Plug to 3 x RCA Plugs for using RF links. 9123-12 Audio Video Cable - SCART Plug to 6 x R 1.5 metre 6 Core Scart A/V connecting cable.Scart plug to 6 x RCA plugs. Cables - Coax 9126-12 Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9264-12 Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9127-12 Wireless LAN Antenna Patch Cable 50 Ohm RG58 5.1mm OD. Nominal loss at 2.5GHz 0.83 dB/m. 9216-12 Wireless Pigtail F/F Gender Changer 9200-12 Wireless Pigtail FF Gender Changer 9191-12 Wireless Pigtail I-pex MHF to N Female connector. 9191-12 Wireless Pigtail I-pex MHF to N Female connector. 9191-12 Wireless Pigtail Male N to Reverse Pola Connects our minit PCI 802.1Ia/g card to an N female connector. 9219-12 Wireless Pigtail Male N to Reverse Pola 200 mm length cable assembly using RG316. 9162-12 Wireless Pigtail Reverse MMCX to N Male	9116-12	1.5 metre low capacitance Audio Video connecting cable.	8.18	9.00
Cables - Coax 9126-12 Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9264-12 Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9127-12 Wireless LAN Antenna Patch Cable 50 Ohm Ac58 5. Imm OD. Nominal loss at 2.5GHz 0.83 dB/m. 9216-12 Wireless Pigtail F/F Gender Changer 10.91 12.00 9200-12 Wireless Pigtail Female MMCX to Male N Adapts our high power wireless LAN cards to an N Female connector. 9191-12 Wireless Pigtail I.Pex MHF to N Female Connector. 9191-12 Wireless Pigtail I.Pex MHF to N Female Connector. Consists of an I.PEX MHF series plug, also known as U.FL (Hirose), to N Female bulkhead mount. 9219-12 Wireless Pigtail Male N to Reverse Pola 200 mm length cable assembly using RG316.	9181-12	Audio Video Cable - SCART Plug to 3 x R	18.18	20.00
9126-12 Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9264-12 Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9127-12 Wireless LAN Antenna Patch Cable 50 Ohm RG58 5. Imm OD. Nominal loss at 2.5GHz 0.83 dB/m. 9216-12 Wireless Pigtail F/F Gender Changer 9200-12 Wireless Pigtail Female MMCX to Male N Adapts our high power wireless LAN cards to an N Female connector. 9191-12 Wireless Pigtail I.Pex MHF to N Female Connects our mini PCI 802. I la'g card to an N female connector. 9219-12 Wireless Pigtail Male N to Reverse Pola 200 mm length cable assembly using RG316. 9162-12 Wireless Pigtail Reverse MMCX to N Male 27.27 30.00	9123-12		18.18	20.00
Low Loss co-ax, equivalent to LMR400. 9264-12 Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9127-12 Wireless LAN Antenna Patch Cable 50 Ohm RG58 5. Imm OD. Nominal loss at 2.5GHz 0.83 dB/m. 9216-12 Wireless Pigtail F/F Gender Changer 10.91 12.00 Wireless Pigtail Female MMCX to Male N 27.27 30.00 Adapts our high power wireless LAN cards to an N Female connector. 9191-12 Wireless Pigtail I.Pex MHF to N Female Connector. Consists of an I.PEX MHF series plug, also known as U.FL (Hirose), to N Female bulkhead mount. 9219-12 Wireless Pigtail Male N to Reverse Pola 200 mm length cable assembly using RG316.	Cables -	Coax		
9264-12 Wireless LAN Antenna Cable 50 OHM (LMR Low Loss co-ax, equivalent to LMR400. 9127-12 Wireless LAN Antenna Patch Cable 50 Ohm RG58 5.1mm OD. Nominal loss at 2.5GHz 0.83 dB/m. 9216-12 Wireless Pigtail F/F Gender Changer 10.91 12.00	9126-12		7.23	7.95
RG58 5. Imm OD. Nominal loss at 2.5GHz 0.83 dB/m. 9216-12 Wireless Pigtail F/F Gender Changer 9200-12 Wireless Pigtail Female MMCX to Male N Adapts our high power wireless LAN cards to an N Female connector. 9191-12 Wireless Pigtail I.Pex MHF to N Female Connects our mini PCI 802.11a/g card to an N female connector. Consists of an I.PEX MHF series plug, also known as U.FL (Hirose), to N Female bulkhead mount. 9219-12 Wireless Pigtail Male N to Reverse Pola 200 mm length cable assembly using RG316. 9162-12 Wireless Pigtail Reverse MMCX to N Male 27.27 30.00	9264-12	Wireless LAN Antenna Cable 50 OHM (LMR	7.23	7.95
9200-12 Wireless Pigtail Female MMCX to Male N Adapts our high power wireless LAN cards to an N Female connector. 9191-12 Wireless Pigtail I.Pex MHF to N Female Connects our mini PCI 802.11a/g card to an N female connector. Consists of an I.PEX MHF series plug, also known as U.FL (Hirose), to N Female bulkhead mount. 9219-12 Wireless Pigtail Male N to Reverse Pola 200 mm length cable assembly using RG316. 9162-12 Wireless Pigtail Reverse MMCX to N Male 27.27 30.00	9127-12		4.82	5.30
Adapts our high power wireless LAN cards to an N Female connector. 9191-12 Wireless Pigtail I.Pex MHF to N Female Connects our mini PCI 802.11a/g card to an N female connector. Consists of an I.PEX MHF series plug, also known as U.FL (Hirose), to N Female bulkhead mount. 9219-12 Wireless Pigtail Male N to Reverse Pola 200 mm length cable assembly using RG316. 9162-12 Wireless Pigtail Reverse MMCX to N Male 27.27 30.00	9216-12	Wireless Pigtail F/F Gender Changer	10.91	12.00
Connects our mini PCI 802.11a/g card to an N female connector. Consists of an I.PEX MHF series plug, also known as U.FL (Hirose), to N Female bulkhead mount. Wireless Pigtail Male N to Reverse Pola 200 mm length cable assembly using RG316. Wireless Pigtail Reverse MMCX to N Male 27.27 30.00	9200-12		27.27	30.00
200 mm length cable assembly using RG316. 9162-12 Wireless Pigtail Reverse MMCX to N Male 27.27 30.00	9191-12	Connects our mini PCI 802.11a/g card to an N female connector.	31.82	35.00
	9219-12		27.27	30.00
	9162-12		27.27	30.00

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O-			Coax
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Ca.	u	E2 -	CUax

9211-12	Wireless RF Adapter Set	217.27	239.00
	Need an RF adapter? Make the one you need. There are two by 16 different connectors that can be		
	assembled in any combination.		

Cables - Firewire

9112-12	Firewire Cable 4 Pin to 4 Pin 1.8m 1.8 metre cable to connect from one digital device to another digital device.	14.09	15.50
9276-12	Firewire Cable 4 Pin to 4 Pin 5m 5 metre cable to connect from one digital device to another digital device.	23.00	25.30
9111-12	Firewire Cable 6 Pin to 4 Pin 1.8m 1.8 metre cable to connect from card to digital device.	13.64	15.00
9113-12	Firewire Cable 6 Pin to 6 Pin 1.8m 1.8 metre cable to connect from one digital device to another digital device.	13.18	14.50
9150-12	Firewire Cable 6 Pin to 6 Pin 5m 5 metre cable to connect from one digital device to another digital device.	24.45	26.90
9274-12	Firewire Cable 9 Pin (Firewire 800) to 2m cable to connect from a Firewire 800 card to a digital device with a mini Firewire 4 pin connector.	26.36	29.00
9275-12	Firewire Cable 9 Pin (Firewire 800) to 2m cable to connect from a Firewire 800 card to a digital device with a Firewire 6 pin connector.	26.36	29.00
9244-12	Firewire Connection Convertor IEEE 1394 6PF-4PM	20.82	22.90

Cables - Games

9074-12	74-12 Game Ext Cable DB15 M/F		13.09	14.40
	Two metre game extension cable with DR 15 pin Male and Female connectors	15 pins in two rows		

Cables - Hard Drive

9163-12	Hard Disk Ribbon Cable - SCSI LVD-160 This cable is designed to avoid cross talk when connecting LVD-160/UltraII SCSI drives. The cable has 68 cores and connects to 8 x 68 pin LVD/SE connectors. Approx 140cm. Ideal for use in Tower Cases.	126.36	139.00
9187-12	Hard Disk Ribbon Cable IDE 80 Core 100/	6.36	7.00
9156-12	Hard Disk Ribbon Cable IDE UltraDMA 100 This cable is designed to avoid cross talk when connecting Ultra DMA 100 IDE drives. The cable has 80 cores and connects to 3 x 40 pin IDC connectors. Approx 80cm. Ideal for use in Tower Cases.	13.55	14.90
9109-12	Hard Disk Ribbon Cable IDE UltraDMA 33 This cable is designed for DMA 33 drives. The cable has 40 cores and connects to 3 x 40 pin IDC connectors.	5.91	6.50
9267-12	Laptop Hard Disk Cable 44 pin for 2.5 H Cable for 2.5" laptop HD. 44 pin. 4cm Long.	13.55	14.90
9272-12	Laptop Hard Disk Cable 44 pin for 2.5 H Cable for 2.5" laptop HD. 44 pin. 4cm Long.	13.55	14.90
9204-12	Ribbon to suit Eltron 2742 110 x 91 The	29.09	32.00

Cables - Keyboard

9045-12	Keyboard Extension Cable We'll make up keyboard extension cables to the length you require, add the cost of fittings and \$10.00 for assembly.	2.27	2.50
9102-12	Keyboard Extension Cable M/F 10m PS/2 Ten metre keyboard extension cable with PS/2 Male/Female connectors.	26.36	29.00
9035-12	Keyboard Extension Cable M/F 2m AT Conn Two metre keyboard extension cable with 5-pin DIN Male/Female connectors.	10.45	11.50
9043-12	Keyboard Extension Cable M/F 2m PS/2 2 metre keyboard extension cable with 6-pin MINI DIN PS/2 connectors.	8.64	9.50
9167-12	Keyboard Extension Cable M/F 3m PS/2 Three metre keyboard extension cable with PS/2 Male/Female connectors.	13.18	14.50
9066-12	Keyboard Extension Cable M/F 5m AT Con Five metre keyboard extension cable with 5-pin DIN Male/Female connectors.	24.64	27.10
9114-12	Keyboard Extension Cable M/F 5m PS/2 Five metre keyboard extension cable with PS/2 Male/Female connectors.	13.55	14.90
9101-12	Keyboard Extension Cable M/M 10m PS/2 Ten metre keyboard extension cable with PS/2 Male/Male connectors.	26.36	29.00

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17 Page: Cat No Description RRP Ex GST Inc GST Cables - Keyboard 9.32 9042-12 Keyboard Extension Cable M/M 2m AT Conn 10.25 Two metre keyboard extension cable with 5-pin DIN Male/Male connectors. 9046-12 Keyboard Extension Cable M/M 2m PS/2 9.00 9.90 Two metre keyboard extension cable with 6-pin MINI DIN Male/Male PS/2 connectors. 21.82 9069-12 Keyboard Extension Cable M/M 5m AT 24.00 Five metre keyboard extension cable with 5-pin DIN Male/Male connectors. Keyboard Extension Cable M/M 5m PS/2 13.55 9100-12 14.90 Five metre keyboard extension cable with PS/2 Male/Male connectors. Keyboard/Mouse PS/2 splitter cable 14.09 9097-12 15.50 Used to connect a normal mouse and keypad (or Keyboard). 1 x MD6M - 2 x MD6F. Cables - Lengths 9144-12 12.68 Printer Cable Cent 36 to Cent M/M 2m 13.95 Cables - Monitor 17.18 9087-12 Joystick Splitter Cable DA15m/DA15f x 2 18.90 Joystick splitter cable allows the connection of 2 joysticks to share 1 games port. Ideal for playing games when each player has their own joystick. 28.18 1008117-12 Printer Cable 20m DB25M - DB25F 31.00 9003-12 Serial Cable DB9 M/F 2m 7.27 8.00 Two metre monitor/mouse extension cable with DB 9-pin Male/Female connectors. 14.73 9170-12 VGA Extension Cable 1.8m HD DB15 M/F Sh 16 20 9.00 9040-12 VGA Extension Cable 1.8m HD DB15 M/M 9 90 14.73 9171-12 VGA Extension Cable 1.8m HD15M-HD15M Sh 16.20 X1114-12 VGA Extension Cable 10m Shielded M/F 48 18 53.00 VGA Extension Cable 10m Shielded M/M 44.55 9135-12 49.00 62.73 9083-12 VGA Extension Cable 15m Shield HD15 M/F 69.00 62.73 9192-12 VGA Extension Cable 15m Shield HD15 M/M 69.00 X1115-12 VGA Extension Cable 20m Shielded M/F 71.82 79.00 X1192-12 VGA Extension Cable 20m Shielded M/M 71.82 79.00 9084-12 VGA Extension Cable 30m Shield HD15 M/F 126.36 139.00 1008084-12 126.36 VGA Extension Cable 30m Shield HD15 M/M 139.00 VGA Extension Cable 5m HD15M-HD15F Shie 29.09 9142-12 32.00 10.91 9206-12 VGA Extension Cable 5m HD15M-HD15M 1 x 12.00 5 mtr extended distance VGA cable. Minimal Shielding. 29.09 9143-12 VGA Extension Cable 5m HD15M-HD15M Shie 32.00 9086-12 VGA Extension Cable DB15M to 2 x DB15F 20.91 23.00 Moulded version with thumbscrews cable to economically connect 2 monitors to 1 VGA video port on 9073-12 VGA Extension Cable DB15M to 5 x BNC 41.36 45.50 Two metre VGA extension cable with DB 15-pin Male connector and five BNC connectors. 8.68 9078-12 VGA Extension Cable DB15M to DB9M 9.55 Two metre VGA cable with DB 15 pin Male to DB 9 pin Male connectors. Cables - Parallel 10.91 Parallel Cable DB25 M/M 3.0m 9220-12 12 00 22.64 9072-12 Printer Cable 10m DB25M 36Cent 24.90 Ten metre printer cable fitted with DB 25-pin male connector and 36-pin Centronics plug. 9000-12 9.91 10.90 Two metre printer cable fitted with DB 25-pin male connector and 36-pin Centronics plug 9090-12 Printer Cable 2m IEEE1284 Bitronics 21.27 23.40 Two metre printer cable fitted with DB 25-pin male connector and C36M plug (18 pair). To connect your IEEE Printer to your parallel port on your computer. Most of the newer laser printers require this standard in order to print faster. It is downward compatible so that it will work with a printer that does not require it. 9120-12 Printer Cable 2m IEEE1284 Bitronics D25 35.00 38.50 Used for connection between your computer and your parallel printer that is equipped with a small high density 36 pin centronics type C connector. It supports IEEE1284 high speed bi-directional communication.

Phone: (02) 4389 8444 Date: 26/07/05 Price List Fax: (02) 4389 8388 18 Page: Cat No Description RRP Ex GST Inc GST Cables - Parallel 11.91 9001-12 Printer Cable 3m 13.10 Three metre printer cable fitted with DB 25-pin male connector and 36-pin Centronics plug. 9103-12 Printer Cable 5m IEEE1284 Bitronics 38.41 42.25 Five metre printer cable fitted with DB 25-pin male connector and C36M plug (18 pair). To connect your IEEE Printer to your parallel port on your computer. Most of the newer laser printers require this standard in order to print faster. It is downward compatible so that it will work with a printer that does not require it. 44 55 9121-12 Printer Cable 5m IEEE1284 Bitronics D25 49.00 Equipped with a small high density 36 pin centronics type C connector. It supports IEEE1284 high speed bi-directional communication, which allows a data transmission rate of up to 50 times faster than the standard Centronics parallel interface. 9019-12 Printer Cable 5m Parallell DB25M-C36M 14.36 15.80 Five metre printer cable fitted with DB 25-pin male connector and 36-pin Centronics plug. 9009-12 Printer Cable Cent to Cent 2m M/M 13.55 14.90 2 metre printer cable fitted with a 36-pin Centronics Male connector, and a 25 pin DB25 Connector. Cables - Power 10.82 9148-12 11.90 ATX MOLEX to P4 power convertor cable 10.91 1008037-12 Molex to modular RJ12 12.00 Modular (or new) printer with an old cash drawer (molex-4pin) 9018-12 Power Cable 5.25 to 3.5 for FDD 7.73 8.50 Provides two 3.5in power connectors from one 5.25in power cable. 6.45 9021-12 Power Cable Double Adapter 2 x HDD and 7.10 Allows you to connect two hard drives and one floppy drive to one power connector. 17.27 9155-12 19 00 Power Cord 3 Core Main Socket to IEC-C1 9020-12 Power Cord Aust plug-IEC socket 1.8m 11.82 13.00 1.8 metre length Australian mains lead with standard 3-pin plug on one end and 3-pin IEC socket on the 9169-12 10.27 11.30 Power Cord European 9024-12 Power Cord IEC M/F 1.8m 9.91 10.90 An IEC power extension cable, primarily use as a monitor extension. Power Tap from PS/2 Keyboard Cable - 5 19.09 9122-12 21.00 Taps 5 Volt DC from the keyboard. A 6 pin Mini DIN male/Female connectors fits between the keyboard and the computer. DC is provided via a 3.5mm connector. 15.45 9149-12 Power Tap from USB Port - 5 Volt DC 17.00 Taps 5 Volt DC from the keyboard. A 6 pin Mini DIN male/Female connectors fits between the keyboard and the computer. DC is provided via a 3.5mm connector. 1008071-12 RJ45 to Molex Cable 31.82 35.00 Cables - Ribbon 5.05 9184-12 40 pin IDE to DB50 backplane 5.55 9183-12 50 pin IDE to DB50 backplane 5.05 5.55 3.41 9031-12 Ribbon Cable 34 way 3.75 Flat, multi-strand cable made especially for IDC applications. Available by the metre. 9017-12 Ribbon Cable 40 way 4.23 4.65 Flat, multi-strand cable made especially for IDC applications. Available by the metre. 5.05 9032-12 5.55 Flat, multi-strand cable made especially for IDC applications. Available by the metre. 9081-12 10.91 12.00 Ribbon Cable 68HD way Flat, multi-strand cable 68HD-way available by the metre. 9110-12 Ribbon Cable 80HD way 8.18 9.00 Flat, multi-strand cable 68HD-way available by the metre. Suitable for Ultra DMA IDE cables.

Cables - SCSI

and cdroms.

5888-12

9025-12 SCSI 50 pin DIL F/F 1m
This one metre internal SCSI flat ribbon cable has 50 pin female sockets to connect to SCSI hard drives

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Ribbon YMCKO 5 panel colour 200 images Flat, multi-strand cable 68HD-way available by the metre.

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Cables .	- 3031		
9026-12	SCSI 50pin DIL/50pin Cent F/M 300mm Short length (280 mm)flat ribbon cable with 50 pin double row connector and Centronics Male connector.	14.55	16.00
9064-12	SCSI Cent50/Cent50 M/F 2m Two metre cable with Centronics 50 pin standard Male-Female connectors.	20.00	22.00
9051-12	SCSI Cent50/Cent50 M/M 1m One metre SCSI I cable with Centronics 50 pin standard Male-Male connectors.	13.55	14.90
9062-12	SCSI Cent50/Cent50 M/M 2m Two metre SCSI I cable with Centronics 50 pin standard Male-Male connectors.	15.91	17.50
9070-12	SCSI Cent50/DB50 HD M/M 2m Two metre cable with Centronics standard 50 pin Male and D-SUB High Density 50 pin(condensed)Male connectors.	46.59	51.25
9071-12	SCSI Cent50/DB50 HD M/M 500mm 500 mm metre cable with Centronics standard 50 pin Male and DB High Density 50 pin(condensed)Male connectors.	25.23	27.75
9091-12	SCSI Cent50/HD68 Screw M/M 1 Metre One metre cable with SCSI D-SUB High Density 68 pin (condensed)Male connector and standard Centronics 50 pin Male connector.	35.45	39.00
9108-12	SCSI Cent50/HD68 Screw M/M 2 Metre Two metre cable with SCSI D-SUB High Density 68 pin (condensed)Male connector and standard Centronics 50 pin Male connector.	44.55	49.00
9053-12	SCSI Cent50/Honda50 M/M 1m One metre cable with Centronics standard 50 pin Male and D-SUB High Density 50 pin(condensed)Male connectors.	22.73	25.00
9080-12	SCSI DB25M pin HD50M Pin 1m One metre cable with DB 25 pin Male connection and D-SUB High Density 50 pin(condensed)connection. HPDB50 Male to DB25 Male Cable. Fully shielded and moulded. Frequently used with Zip, Jazz drives or scanners.	30.91	34.00
9052-12	SCSI DB25M pin/50 Cent M 1m One metre cable with standard DB 25 pin Male connector (thumbscrews) and Centronics 50 pin standard Male connector.	11.09	12.20
9065-12	SCSI DB25M pin/50 Cent M 2m Two metre cable with standard DB 25 pin Male connector (thumbscrews) and Centronics 50 pin standard Male connector.	29.09	32.00
9054-12	SCSI DB50HD/DB50HD pin M/M 2 metre One metre cable with D-SUB High Density 50 pin (condensed)Male connectors on each end.	35.45	39.00
9265-12	SCSI HD50/HD50 Screw M/M 2 Metre Two metre cable with SCSI D-SUB High Density 50 pin (condensed) Male connector on both ends.	43.64	48.00
9182-12	SCSI HD68/HD50 Screw M/M 2 Metre Two metre cable with SCSI D-SUB High Density 68 pin (condensed)Male connector and a High Density 50 pin Male connector.	43.64	48.00
15046-12	SCSI I Terminator active C50M SCSI I single end terminator, active Centronics 50 pin Male.	25.91	28.50
15049-12	SCSI I Terminator active C50M High Dens SCSI I single end terminator, active Centronics 50 pin High Density (condensed) Male connector.	25.91	28.50
15048-12	SCSI Terminator passive C50M/F SCSI pass through terminator, passive Centronics 50 pin standard Male to Centronics 50 pin Female.	25.91	28.50
15061-12	SCSI II Terminator active Centroncs 50M	42.50	46.75
15075-12	SCSI II Terminator active HPD50M High D SCSI II single end terminator, active 50 pin High Density (condensed) Male connector.	35.45	39.00
15089-12	SCSI III Adapter SCA 80/HDC68/50 F/F In SCSI III adapter, 80 pin SCA female to 68 pin High Density (condensed) Female connector.	59.09	65.00
9077-12	SCSI III HPD68 M/M 1m One metre SCSI cable with 68 pin Male Honda latch connector on each end.	83.64	92.00
15087-12	SCSI III HPD68F to DIL 50M Internal adapter from DIL 50 to HD68	34.55	38.00
1008028-12	SCSI III HPD68M - C50M M/M 2 Metre	44.55	49.00
15085-12	SCSI III Terminator active HPD68F Int SCSI III single end terminator, active 68 pin High Density (condensed) Female connector.	41.59	45.75
15053-12	SCSI III Terminator active HPD68M SCSI III active terminator Honda 68 pin Male.	42.27	46.50
15086-12	SCSI III Terminator active HPD68M Ext M SCSI III single end terminator, active 68 pin High Density (condensed) Male connector.	38.18	42.00

Phone: (02) 4389 8444 Date: 26/07/05 Price List Fax: (02) 4389 8388 Page: 20 Cat No Description RRP Ex GST Inc GST Cables - SCSI 49.77 15088-12 SCSI III Terminator active HPD68M/F Int 54.75 SCSI III active terminator, 68 pin High Density (condensed) Female/Male connectors. 15050-12 SCSI Terminator active 50DIL M/F Intern 42.27 46.50 SCSI internal active terminator IDC 50 pin DIL 77.27 9136-12 SCSI5 Cent50/DB68 M/M 2m 85.00 Two metre cable with Centronics 50/DB68 M/M SCSI5 Cables - Serial 11.82 9214-12 Modem Y cable DB25M - DB9F to DB25F 1m 13.00 Modem Y cable DB9F - DB9M to DB25M 2m 12 73 9057-12 14.00 Two metre modem 'Y' cable with DB25 Male connector to DB9 and DB25 Female connectors. (it has 9 conductors...) 7.18 9252-12 RS232 Null Modem Cable DB9 F/F 1.8m 7.90 RS232 Null Modem/Llink cable DB25/9 F/F 13 09 9076-12 14.40 Use with Laplink, Norton Commander etc. Has DB9 and DB25 female connectors at both ends. 1008113-12 6.82 7.50 Compared with parallel ATA, Serial ATA will have lower signalling voltages (500mv than the 5V parallel ATA) and reduces pin numbers, will befaster and more robust, and will have mcuh smaller cable. Serial ATA will be hot pluggable and will also be completely software compatible with Parallel 1008114-12 Serial ATA Cable 60cm 7.73 8.50 Compared with parallel ATA, Serial ATA will have lower signalling voltages (500mv than the 5V parallel ATA) and reduced pin numbers, will be faster and more robust, and will have much smaller cable. Serial ATA will be hot pluggable and will also be completely software compatible with Parallel 9058-12 Serial Cable 4 pair shielded 1.45 1.60 Can be used to connect equipment operating on the EIA standard RS-232C and RS-423 Modes. Stranded tinned annealed copper conductors, PVC insulated, twisted pair, Aluminium/Polyester overall tape screened with a flexible drain wire, overall PVC sheathed. 7.68 9002-12 Serial Cable DB25 M/F 2m 8.45 Two metre serial cable with DB 25-pin Male/Female connectors. 13.64 9273-12 Serial Cable DB25 M/F 3m 15.00 Three metre serial cable with DB 25-pin Male/Female connectors. 9023-12 Serial Cable DB25 M/F 5m 13.64 15.00 Five metre serial cable with DB 25-pin Male/Female connectors. Serial Cable DB25 M/F 5m Pin to Pin 11.82 9223-12 13.00 Five metre serial cable with DB 25-pin Male/Female connectors. Serial Cable DB25 M/F 10m 21.82 9049-12 24.00 This has all pins wired, ideal as a printer cable extension as well as serial applications. 9048-12 Serial Cable DB25 M/M 10m 25.45 28.00 The majority of our serial cables have all pins wired and as such are suitable for use as printer extension cables. 9012-12 Serial Cable DB25 M/M 2m 7.68 8.45 Two metre serial cable with DB 25-pin Male/Male connectors. 9228-12 Serial Cable DB25 M/M 3m 11.09 12.20 9039-12 Serial Cable DB25 M/M 5m 15.27 16.80 Five metre serial cable with DB 25-pin Male/Male connectors. 9005-12 Serial Cable DB25M to DB9F 2m 9.41 10.35 Two metre serial cable with DB25-pin Male and DB9-pin Female connectors. 9226-12 Serial Cable DB9 M/F 1.8m 11.09 12.20 9022-12 Serial Cable DB9 M/F 10m 24.45 26.90 9068-12 Serial Cable DB9 M/F 5m 13.09 14.40 Five metre serial cable with DB9-pin Male/Female connectors. 9.00 9174-12 Serial Cable DB9 M/M 0.8m 9 90 11.09 9096-12 Serial Cable DB9 M/M 1.8m 12.20 Serial Cable DB9/DB25 F/F 5m 11.59 9278-12 12.75 Has both DB25 and DB9 connectors at either end.

1008104-12	DVI D Single Link M/M 2m Cable	35.45	39.00
1008093-12	DVI D to DFP Cable Digital Only DVI-D to DFP20 Digital Cable 2m	38.18	42.00
1008091-12	DVLD to DVLD M/M 2m	40.91	45 00

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Cables - Special Purpose 29.09 1008092-12 DVI I to DVI I M/M 2m 32.00 1008060-12 DVI-A to VGA Analog Cable 2m 29.09 32.00 Also available in a 5m length 1008051-12 Fibre Patch Lead 10m with ST Connectors 90.00 99.00 1008175-12 Fibre Patch Lead 1m with SC/SC Connecto 62.73 69.00 PC Server Power Cord C13 C14 1.8m 10.91 1008134-12 12.00 14 55 1008135-12 PC Server Power Cord C13 C14 3.0m 16.00 18 64 1008136-12 PC Server Power Cord C13 C14 5.0m 20.50 9124-12 Stereo Speaker Extension Cable 13.18 14.50 3.5mm M-F 1.8metre cable Cables - USB 1008159-12 Mini USB 2.0 Cable A-B Mini 1m 13 55 14.90 9093-12 USB 1.1 Cable 2m A Male to A Male 10.00 11.00 2.0 metre cable to connect hub to port or to connect two computers. 9134-12 USB 1.1 Cable 5.0m Type A Male to Type 15.45 17.00 The male type A connector plugs into the back of your PC or USB hub, the male type B connector connects to the device such as a printer, scanner, hub, etc. Maximum cable length for USB is 5 metres. If you need to extend the length use Cat.9115. 9107-12 USB 1.1 to USB Cable (PC to PC Interlin 53.64 59 00 The cable allows you to connect two computers with USB ports and instantly transfer files using "Norton Commander" type software (PC-Ling)via a split window system. Win XP supported. 59.09 9125-12 USB 1.1 to USB Network Cable 65.00 The USB-USB Network Bridge Cable provides a quick and easy solution to network up to 17 USB computers via hot Plug & Play technology without adding any Network Interface Cards. It is suitable for small offices, home offices, mobile users, and network gamers. With the USB-USB Network Bridge cable, users can play multi-player games, share files, printers, peripheral equipment, and more.. 9153-12 USB 2.0 Active Extension Cable 5m 71.82 79.00 Extend the distance between your PC and your USB peripherals. This cable is 5.0m long and includes an active amplifier to boost the signal level. It operates in accordance with USB Specification Ver 2.0. Cat 1008025 Power pack if required. 8.09 8.90 9173-12 USB 2.0 Cable 1m Type A Male to Type B The male type A connector plugs into the back of your PC or USB hub, the male type B connector connects to the device such as a printer, scanner, hub, etc. Maximum cable length for USB is 5 metres. If you need to extend the length use Cat.9115. 8.09 9210-12 USB 2.0 Cable 2m A Male to A Male 8.90 USB 2.0 Cable 2m Type A Male to Type A 9172-12 10.45 11.50 Extension cable 10.45 9145-12 USB 2.0 Cable 2m Type A Male to Type B 11.50 USB 2.0 needs a special cable to operate at up to 480Mbps. The male type A connector plugs into the back of your PC or USB hub, the male type B connector connects to the device such as a printer, scanner, hub, etc. Maximum cable length for USB is 5 metres. 9147-12 USB 2.0 Cable 3m Type A Male to Type B 12.64 13.90 USB 2.0 needs a special cable to operate at up to 480Mbps. The male type A connector plugs into the back of your PC or USB hub, the male type B connector connects to the device such as a printer, scanner, hub, etc. Maximum cable length for USB is 5 metres. 11.82 9205-12 USB 2.0 Cable 5.0m A Male to A Male 13.00 USB 2.0 Cable 5m Type A Male to Type A 14.45 1008072-12 15.90 USB 2.0 5 Meter Extension cable. 14.45 9146-12 USB 2.0 Cable 5m Type A Male to Type B 15.90 USB 2.0 needs a special cable to operate at up to 480Mbps. The male type A connector plugs into the back of your PC or USB hub, the male type B connector connects to the device such as a printer, scanner, hub, etc. Maximum cable length for USB is 5 metres. 9154-12 USB 2.0 to USB Cable (PC to PC Interlin 53.64 59.00 The cable allows you to connect two computers with USB ports and instantly transfer files using "Norton $Commander"\ type\ software\ (PC\text{-}Linq)via\ a\ split\ window\ system.$ 17.18 2807-12 18.90 USB Connection for M/B 2 x 4 (Separated 13.64 2805-12 USB Connection for M/B 2 x 5 (Separated 15.00 Two Type A Female connectors on backplane to 2 x 5-pin housing. 13.64 2660-12 USB Connection for M/B 2x4(Solid Block) 15.00 1008063-12 USB MINI 2.0 Cable with Mini Connector 18.09 19.90

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Cameras - Digital - Accessories

21042-12	Adapter Multi Card to PCMCIA This is a 4-in-1 Multi-Function Adapter to PCMCIA or PC Card. Allows you to convert SM, SmartMedic Card, SD, Secure Digital, MMC, MultiMedia Card, or MS, Memory Stick to a standard Type II PC Card.	71.82 i	79.00
21064-12	Compact Flash Card 128MB Full Size	199.09	219.00
21033-12	Compact Flash Card 16MB	40.91	45.00
21051-12	Compact Flash Card 32MB	49.09	54.00
21062-12	Compact Flash Card 32MB Full Size	108.18	119.00
21063-12	Compact Flash Card 64MB Full Size	135.45	149.00
21028-12	Digital Camera Compact Flash Adapter	17.27	19.00
	PCMCIA CompactFlash card adaptor. Allows the CompactFlash card to be used in a PCMCIA drive.		
21065-12	Digital Camera Compact Flash Type I/II Allows Compact Flash Type I and II to be accessed in full size PCMCIA slots.	18.18	20.00
21044-12	Digital Camera Smart Media Adapter PCMCIA Smart Media card to be used in a PCMCIA drive.	109.09	120.00

Cameras - Digital - Canon Digital Cameras

21015-12	Digital Camera CANON PSA75 Compact and Stylish 3.2 megaPixel digital camera with Canon 3x optical zoom lens.	362.73	399.00
21017-12	Digital Camera CANON S60 5.0 Megapixel 3x Optical Zoom. Stylish digital camera with 5.0 megapixel CCD image sensor and 3x zoom lens. Compact all metal capsule style design. Direct print function for brilliant photos from Canon's Direct Printers	817.27	899.00

Cameras - Digital - Nikon Digital Camera

21066-12	Digital Nikon SLR D70/AF-S18-70/AFG 70-	2108.18	2319.00
	Enthusiast Kit featuring 6.1 megapixels and new Nikon DX format CCD imaging sensor. Produces pixel		
	images with high resolution and superbly sharp details. Continuous shooting at 3 frames per second.		
	Includes 2 x NIKKOR Lenses, 18-70mm and 70-300mm.		

Cameras - Digital - Olympus Digital Cameras

21020-12	Digital Camera Olympus C-770 10x Zoom S	680.91	749.00
	Capturing outstanding images close-up or from a distance isn't a reach with this advanced, 4 megapixel		
	digital camera, designed with a far-reaching 10x optical/40x total zoom, MPEG4 Movie mode with		
	audio, a hot shoe to add an external flash, and much more in one stylish, portable solution.		
21021-12	Digital Camera Olympus C-770 Lithium Ba	80.91	89.00

Cases - Accessories

8063-12	Screws M3 x 0.5 for FDD Mounting	6.36	7.00
	A packet of 100 screws for mounting floppy drives etc.		
8062-12	Screws No6-32 for HDD Mounting A packet of 100 screws suitable for mounting hard drives, etc.	10.91	12.00

Cases - Computer

9194-12	Case Desktop Power 5 Micro ATX 320W P/S	99.09	109.00
8546-12	Case Indu AOpen DP491 300w Air Filter F	371.82	409.00
8959-12	Case Middle Tower P IV with 300W P/S AT	99.09	109.00
1008032-12	Case Tower Large ATX 300W Power Supply ATX Full Tower Case AOpen H700A 300W Power Supply P4 ready. 6x5.25" and 2x3.5" external bays, front USB.	235.45	259.00

Cases - External Firewire

6659-12	External Case for 2.5in IDE HDD - FireW
	Need FAST access to an external Hard Drive. Just fit a standard 2.5in IDE Hard Drive to this case and
	connect it to a FireWire port (See Cat No. 2621). Drive capacity may be up to 128GB. Data transfer
	rate is 400Mbps (IEEE 1394) and it supports Hot Swapping and plug-and-play. It is suitable for PCs
	with Win98 SE. WinME or Win2000 only. Works with XP as well. A tapping cable is included which

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allows power to be drawn from a PS/2 port or USB port.

117.27

129.00

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Page: 23 Cat No Description RRP Ex GST Inc GST Cases - External Firewire 162.73 6633-12 External Case for 3.5in IDE HDD - FireW 179.00 Need FAST access to an external Hard Drive. Just fit a standard 3.5in IDE Hard Drive to this case and connect it to a FireWire port (See Cat No. 2621). Drive capacity may be up to 128GB. Data transfer rate is 400Mbps (IEEE 1394) and it supports Hot Swapping and plug-and-play. It is suitable for PCs with Win98 SE, WinME or Win2000 as well as leter version of MAC. Cases - External Parallel 6107-12 External Case SCSI 5.25in - Parallel Po 257.27 283.00 An external case with a built-in printer port. Accessing data through the parallel port without occupying the parallel port! It works no matter what SCSI card is inside the PC. Software drivers supported for different storage drives: Hard disk drive, CD-ROM drive, floptical drive, tape streamer, etc Cases - External USB 6816-12 External Case For 2.5in IDE HDD - USB 1 35.45 39.00 This external 2.5in case will support standard IDE hard drives etc and connects to a USB 1.1 or USB 2.0 port. It is suitable for use with Win98SE, ME, 2000 and XP. A PS/2 power tap cable is included, but it is not normally needed unless you have a below par USB power supply. A USB cable is also included. External Case For 3.5in IDE HDD Firewir 6732-12 244.55 269.00 This dual interface external 3.5in case will support standard IDE hard drives etc and connects to a USB 1.1, USB 2.0 or Firewire port. It is suitable for use with Win98SE, ME, 2000, XP and Linux. 6826-12 External Case for 5.25in HD USB 1.1/2.0 71.82 79.00 SCREWLESS CASE to suit Cd Rom & CDR/RW& DVD, with internal Fan. Includes USB Cable & Ext Power Supply. Computers / Terminals - Portable 1008133-12 COMPAQ IPAQ Pocket Computer 5550 128Mb 1126.36 1239.00 Computers / Terminals - Terminals 1162-12 2718.18 2990.00 Car PC with 10.4in Touch Screen Designed specifically for automotive use, this car computer has a small PC case and separate 10.4" LCD touch screen and runs on 12 Volts. Includes a 1 GHz CPU, 256MB DDR RAM and a 20GB slim anti-vibration hard drive. Optional extras include a high precision GPS engine, a high precision GPS Active Antenna and a magnetic card reader. 2172.73 1163-12 Car PC with 8in Touch Screen 2390.00 Designed specifically for automotive use, this car computer is an all in one case with integrated 8" LCD touch screen. The screen has a resolution of 640 x 480 and the complete unit operates on 12 Volts. It includes a 1 GHz CPU, 256MB DDR RAM and a 20GB slim anti-vibration hard drive. Optional extras include a high precision GPS engine, a high precision GPS Active Antenna and a magnetic card reader. E-Detective - Backup and Monitor Email 1544.55 1699.00 1155-12 Monitor your network traffic for inappropriate use. Plus, backup up all your emails and other traffic. A clear, web based, GUI provides filtering and reporting facilities and log files are created of all emails, FTP sessions, ICQ and MSN Chat traffic. Log files are automatically sized to be backed up on 31.82 1140-12 EEPROM for TK635 M/B Bios Cat 1133 35.00 EEPROM Bios for Cat No 1133 terminal. 1150-12 Embedded Computer System 12 Volt Input 635.45 699.00 The overall size of the case of this computer is only 49 x 220 x 165mm. It operates from a 12 Volt DC supply (included) and draws 3 Amps max. It is ideal for vehicle or remote site applications. Fanless design, VIA Eden 533MHz CPU, 1 x 40 in for DOM (Disk On Module), 1 x 44 pin for DOM or 2.5" HDD, 1 x CF card socket, 1 x DOC (Disk On Chip) Socket, PS/2 connectors for KB/Mouse, 2 x USB ports, 1 x LAN port, 2 x Serial, 1 x Parallel, VGA connector, 1 x DIMM Socket - supports up to 512MB SD, Supports PC 133/100 SDRAM DIMM, Mic In, Line Out. Just needs OS H/d & ram(cpu built in) 1133-12 Terminal 460K Serial - Classic Model 426.36 469.00 The TK-635 is a very fast serial terminal with two high-speed 460K baud serial ports. The provision of a Centronics port allows the connection of a standard parallel printer. A comprehensive, easy to use configuration menu makes set-up a breeze. 1134-12 Terminal TCP/IP Ethernet - Classic Mode 444.55 489.00 A colour, Ethernet TCP/IP terminal designed for use in UNIX networking environments. It provides support for SCO UNIX/Xenix, IBM RS/6000 AIX, Sun Solaris, Interactive UNIX, SVR4,...etc. A large range of ASCII serial terminal emulations are provided, including WY-60, WY-120, WY-50+, ADDS A2, plus many more. This is a flexible, direct replacement for existing terminals as well as for new installations. It connects via a 10BaseT ethernet connection.

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1154-12	Terminal TCP/IP Ethernet Serial / Ether	508.18	559.00
	A small, light, terminal designed for use in UNIX networking environments. It provides support for SCO UNIX/Xenix, IBM RS/6000 AIX, Sun Solaris, Interactive UNIX, SVR4,etc. A large range of ASCII serial terminal emulations are provided, including WY-60, WY-120, WY-50+, ADDS A2, plus many more. This is a flexible, direct replacement for existing terminals as well as for new installations. It connects via a 10BaseT ethernet connection or a serial connection.		
1215-12	Terminal Windows Based - 15in LCD CE.NE This is a Windows Based Terminal, integrated in an LCD monitor. It operates under Windows CE.NET, and is suitable for both NT server and Unix host. Support is provided for Citrix ICA protocol as well as Microsoft's RDP. A VIA 533MHz CPU powers the terminal and it includes IE5.5 embedded in the system. In addition, it supports the following terminal emulations: SCO Console, VT 220/100/52, Wyse 120/60/50+/325, TV1925, TV1910, ADDS A2. Networking protocols include 10/100BaseT (RJ45), TCP/IP with DNS, DHCP and PPP. Ports provided include 10/100 ethernet, a DB25 parallel port, two DB9 serial ports, two USB ports, VGA DB 15, PS/2 mouse & keyboard ports and audio in & integrated speakers.	1271.82	1399.00
1236-12	Terminal Windows Based - 17in LCD CE.NE This is a Windows Based Terminal, integrated with a 17in LCD monitor. It operates under Windows CE.NET and uses a 533MHz VIA Eden CPU.	1453.64	1599.00
1243-12	Terminal Windows Based - 17in LCD Linux This is a Windows Based Terminal, integrated with a 17in LCD monitor. It operates with embedded Linux and Firefox browser. It has an 533MHz VIA Eden CPU and 128MB RAM.	1499.09	1649.00
1242-12	3 year warranty on terminal and 1 year on LCD. Terminal Windows Based - 17in LCD Win C This is a Windows Based Terminal, integrated with a 17in LCD monitor. It operates with embedded Win CE.NET and IE6.0. It has an 533MHz VIA Eden CPU and 128MB RAM.	1544.55	1699.00
1244-12	3 year warranty on terminal and 1 year on LCD. Terminal Windows Based - 17in LCD XPe This is a Windows Based Terminal, integrated with a 17in LCD monitor. It operates with embedded Win XP and IE6.0. It has an 800MHz VIA Eden CPU and 256MB RAM.	1708.18	1879.00
1233-12	3 year warranty on terminal and 1 year on LCD. Terminal Windows Based - Remote Managem	226.36	249.00
1151-12	Management software for our Windows Based Terminals. Terminal Windows Based - with PCCard So	690.00	759.00
	This model has a 533MHz CPU, 16MB DOM, 64MB SDRAM and IE 5.5 built in. It also includes a PC Card socket to allow use of a wireless LAN card. Now with 3 year warranty.		
1159-12	Terminal Windows Based - with PCMCIA So This model has a 533MHz CPU, 16MB DOM, 64MB SDRAM and IE 5.5 built in. It also includes a PCMCIA Card socket to allow use of a wireless LAN card.	690.00	759.00
1146-12	Now with 3 year warranty. Terminal Windows Based - with Smart Car This model has a 533MHz CPU, 16MB DOM, 64MB SDRAM and IE 5.5 built in. It also includes a smart card reader and smart card to provide secure access to the network. Now with 3 year warranty.	753.64	829.00
1158-12	Terminal Windows Based - XP This model has a 733MHz CPU, 256MB DOM, 256MB SDRAM and XPe built in. The Windows Based Terminal operates under Windows XPe, and is suitable for both NT/2000 server and Unix host. It supports both the Citrix ICA protocol as well as Microsoft's RDP. In addition, it also supports the following terminal emulations: SCO Console, VT 220/100/52, Wyse 120/60/50+/325, TV1925, TV1910, ADDS A2. Networking protocols include 10/100BaseT (RJ45), TCP/IP with DNS, DHCP and PPP. Ports provided include DB25 parallel port, two DB9 serial ports, two USB ports, VGA DB 15, PS/2 mouse & keyboard ports and audio in & out.	1180.91	1299.00
4045.40	Now with 3 year warranty.	000.40	000.00
1245-12	Terminal Windows Based Mounted on 17 LC This is a Windows based terminal (Cat No 1239) mounted onto a 17" LCD screen. Both the Terminal and LCD have a 3 year warranty.	908.18	999.00
1239-12	Terminal Windows Based-Mount on LCD Mon The best of both worlds - You only need one terminal, no matter what system you are using. It emulates SCO, DEC, Wyse etc terminals as well as being a Windows Based Terminal. It supports the full range of Windows RDP as well as Citrix ICA protocols. And the best part - it measures only 188 x 136 x 40 and has standard VESA (LCD monitor) mounting. This means that it can attach directly to the back of an LCD monitor.	590.00	649.00

Now with a 3 year warranty.

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Computers / Terminals - Terminals

1240-12 Terminal Windows Based-Mount on LCD Mon 544.55 599.00

A Windows Based Terminal that uses Linux.

OS: Linux Kernel 2.4.20 Browser: Netscape 4.77

Protocol: MS RDP 5.1/Citrix ICA 8.0/X11R6

Manageability software: Remote management

Macromedia Flash 7.0 support Support for 4 virtual desktop Desktop/WBT skin selectable

VNC Host support Thin print support

LPR/LPD Ghostscript print support USB external storage and sharing support

And the best part - it measures only 188 x 136 x 40 and has standard VESA (LCD monitor) mounting.

This means that it can attach directly to the back of an LCD monitor.

Now with 3 year warranty.

1075-12 Terminal Wyse 55 (Keyboard not include 954.55 1050.00

The WY-55 is a multi-personality general purpose terminal with a 14" display and 80/132 cxolumns and 26/44 lines. The extra fast refresh rate delivers a flicker free dynamic focused display image. The WY-55 provides two serial ports, inbuilt rest timer, advanced ergonomic features and the firmware access door for easy future upgrades. It supports WY-60, WY-120, TUI-905/910+-925, ADDS Viewpoint A2 Hazeltine 1500, DEC VT52/100/220, PC Term, Unix Consol, Choose from a ASCII, ANSI, enhanced PC

or ANSI 105 key keyboard.

Data Logging & Control - A/D & D/A

17077-12 12 Bit 16 CH A/D 2 CH D/A PCI 544.55 599.00 A PCI BUS based A/D D/A card with programmable I/O control. It may be configured as either unipolar

or bipolar with input ranges of 0 to $\overline{10V}$, 0 to $\overline{20V}$ or -5V to 5V and -10V to $\overline{10V}$. Gain is selectable from 1 to 8.

It also has three independant 16 bit counters, internal or external A/D triggering, sample and hold as well as being interrupt or polling driven. 16 DIO are also included.

Full details of the card, driver download and schematics are available at www.pciadda.com

17000-12 12 Bit 16 CH A/D 1 CH D/A Unipolar ISA 180.00 198.00

A low cost card with surprisingly good performance, ideal for student projects etc. The input / output voltage range is 0 to 9 Volt (unipolar).

17018-12 14 Bit 16 CH A/D SE 1 CH D/A ISA 362.73 399.00

This board provides 16 channels A/D with differential input and one D/A channel. The unipolar input range is selectable from 0~2.5V, 0~5V and 0~10V and bipolar range is selectable from -2.5V ~2.5V, -5V~5V and -10~10V. Conversion time is less than 28usec for each channel. The D/A output channel is also unipolar or bipolar selectable with the same ranges available and a conversion time of less than

2usec.

17019-12 14 Bit 16 CH A/D SE 2 CH D/A ISA 453.64 499.00

Provides the same features as Cat. No. 17018 as well as an additional D/A output channel.

Data Logging & Control - Analog to Digital

ACL8113-12 12 Bit 32 CH A/D Card 835.45 919.00

Provides 32 single-ended, bipolar or unipolar, 12 bit analogue input channels, with 500V DC Isolation. Includes on chip sample and hold and programmable gain control. Fully compatible with Advantech

Connects to the parallel port and provides eleven 12 bit A/D channels with an input range of 0 - 5 Volt

PCL-813.

17031-12 Parallel Port 12 Bit A/D 0 - 10 V

Connects to the parallel port and provides eleven 12 bit A/D channels with an input range of 0 - 10 Volt

17032-12 Parallel Port 12 Bit A/D 0 - 5 V 162.73 179.00

Data Logging & Control - Data Acquisition

ACL8111-12 Data Acquisition Card: Multi-Function 683.64 752.00

Provide 8 Single ended 12 bit analog input channels with five programmable input ranges from +-0.3125V to +-5.0V, one 12 bit monolithic multiplying analog output channel, 16 TTL digital output channels, 16 TTL digital input channels, three A/D trigger modes and programmable IRQ level for A/D data transfer. Conversion speed is 25us. Amplifier gain of 1, 2, 4, 8 and 16 is software controllable.

data transfer. Conversion speed is 25us. Amplifier gain of 1, 2, 4, 8 and 10 is softwood. There is support for IRQ2 - 7. It is fully compatible with Advantech's PCL-711B.

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Data Logging	&	Control	- DI	&	Relay	O/P
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17066-12	16 CH Opto DI 16 CH Relay Dec ISA Features 16 opto isolated digital input channels with a max 45 Volt DC input range. The input signal can be completely floated to prevent ground loops. 16 reed relays are also included on the card and have a contact rating of 150V DC, 1A and a life expectancy of 100 million operations at signal level load. Suitable for use with Windows 95/98/NT.	244.55	269.00
ACL7225-12	16 CH Opto DI 16 CH Relay ISA The ACL-7225 provides 16 electro-mechanical relays for output actuation and 16 isolated digital inputs. It can plug directly into an ISA slot. Each relay is matched with one red LED to reflect its ON/OFF status. Each input channel is jumper selectable to either AC or DC input control voltage. The isolation voltage is guaranteed at 1,000V, so that common-mode voltages and voltage spikes are safely isolated from the PC and the ACL-7225. The digital I/O is via two 37-pin D-type connectors.	520.91	573.00
17092-12	16 CH Photo Relay PCI Dec	453.64	499.00
17075-12	4 CH Opto DI 4 CH Relay Output PCI Dec A PCI interface card that features 4 opto isolated digital input channels with an operation level of 17 - 28 volt DC or TTL input range. 4 reed relays (changeover, ie NC and NO) are also included on the card and have a contact rating of 120V AC 1A, with an isolation resistance of 100M Ohm. All connections are via a DB25F on the backplane. Life expectancy is 100 million operations at signal level load.	299.09	329.00
17067-12			239.00
17069-12	· · · · · · · · · · · · · · · · · · ·		369.00
17074-12	8 CH Opto DI 8 CH Relay Output PCI Dec A PCI interface card that features 8 opto isolated digital input channels with an operation level of 17 - 28 volt DC or TTL input range. 8 reed relays (changeover, ie NC and NO) are also included on the card and have a contact rating of 120V AC 1A, with an isolation resistance of 100M Ohm. All connections are via a DB37F on the backplane. Life expectancy is 100 million operations at signal level load. Available in either 4 or 8 port, this device allows your computer to either control external devices or receive input. This might be information from PIR sensors, pressure mats or even the simple window sensors. Similarly these cards could be used to control gate/door locks, camera servos, or even major industrial or domestic appliance via relays, etc.	362.73	399.00
17003-12	8 Ch Opto Input 8 Ch Reed Relay Board Provides eight opto isolated digital inputs, 1500V isolation, and eight reed, SPDT relay outputs. It interfaces to a PC via Cat.No 17002 or 17054.	362.73	399.00
17035-12	Parallel Port 8 Opto 8 Reed Relay Termi An external addon card that plugs into the parallel port module 17034 and provides eight opto isolated inputs with a nominal max input voltage of 15 Volts and eight reed relay outputs with a contact rating of 120V AC/DC 1 Amp.	180.91	199.00
Data Logg	ing & Control - Digital I/O		
17005-12	16 Channel Opto Input Board The 16 channel isolator input board provides 16 opto-isolated digital input channels, which allow the input signals to be completely floated and prevent the ground loop. Features include internal & external power selectable, input signals are buffered with voltage comparators, input threshold voltage adjustable and breakdown voltage of 1500VDC. Includes 26-pin flat cable. It interfaces to a PC via the cat no. 17002(ISA) or 17054(PCI).	253.64	279.00
AX5214-12			349.00
AX5215-12	96 Bit Dig I/O Optional SSR ISA The AX5215 is a 96 channels (bits) digital input and output board that can be used with TTL low-level I/O circuitry or with AX754, AX755, AX756 and AX141674 providing isolation for interfacing with high	590.00	649.00

of the 8 digital input channels changes state in a single port.

I/O circuitry or with AX754, AX755, AX756 and AX1416/24 providing isolation for interfacing with high level I/O signals. This board has an interrupt on change of state. Interrupt generation occurs when one

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Data Logging	y &	Control	- Digital I/O
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Digital I/O 48 Ch & 3 Counters 8255-825 Provides 48 digital I/O lines on a PCI PnP interface card. Has three 16bit counters with a maximum count rate of 10MHz. More details and software available at www.pci8255.net	226.36	249.00
Digital I/O 48 TTL USB This product provides 48 digital TTL inputs or buffered TTL outputs on two 50-pin IDC ribbon cables.	880.91	969.00
Digital I/O 8 Opto 8 Reed Relay USB This product provides eight isolated digital inputs and eight Form C (SPDT) relay outputs capable of carrying up to 2A of current.	635.45	699.00
Industrial Control Card ISA Just the answer if you want to connect to the real world but are not interested in working at the TTL level. This card provides four headers each of which supports an I/O card connected via ribbon cable, ie Cat Nos 17003, 17004 and 17005 in any quantity or combination. A total of 64 I/O are therefore supported. More details and drivers available at www.smatlab.com	180.91	199.00
Industrial Control Card PCI Provides 4 digital I/O ports on a PCI PnP interface card. Each port has 16 I/O lines and can be programmed as input or output. It connects to the reed relay and opto input cards. More details and drivers available at www.smatlab.com	362.73	399.00
Parallel Port Digital I/O Allows eight digital inputs and eight digital outputs to be controlled and operated via a parallel port.	162.73	179.00
Remote Power Control Box Additional power control box for use with Cat No 17064.	326.36	359.00
SMS I/O Controller Features Inputs / Outputs: Remote programming and diagnostics using SMS, User definable input and output text descriptions, User definable input status messages, Password protection, RS485 expansion port, Terminated Inputs and Relay outputs, Compact Size (W170mm, D120mm, H50mm), Durable construction, 8 x Inputs (NC) with EOL monitoring, 4 x Relay Outputs (SPDT), (Relay contact rating 2Amp@12V), Optional 4 x Relay Output board, System Requirements:10 - 30 Volts DC,1 x Mini Sim (Vodafone, Telstra, Optus) A CDMA version should be available early in 2005.	935.45	1029.00
	Provides 48 digital I/O lines on a PCI PnP interface card. Has three 16bit counters with a maximum count rate of 10MHz. More details and software available at www.pci8255.net Digital I/O 48 TTL USB This product provides 48 digital TTL inputs or buffered TTL outputs on two 50-pin IDC ribbon cables. Digital I/O 8 Opto 8 Reed Relay USB This product provides eight isolated digital inputs and eight Form C (SPDT) relay outputs capable of carrying up to 2A of current. Industrial Control Card ISA Just the answer if you want to connect to the real world but are not interested in working at the TTL level. This card provides four headers each of which supports an I/O card connected via ribbon cable, ie Cat Nos 17003, 17004 and 17005 in any quantity or combination. A total of 64 I/O are therefore supported. More details and drivers available at www.smatlab.com Industrial Control Card PCI Provides 4 digital I/O ports on a PCI PnP interface card. Each port has 16 I/O lines and can be programmed as input or output. It connects to the reed relay and opto input cards. More details and drivers available at www.smatlab.com Parallel Port Digital I/O Allows eight digital inputs and eight digital outputs to be controlled and operated via a parallel port. Remote Power Control Box Additional power control box for use with Cat No 17064. SMS I/O Controller Features Inputs / Outputs: Remote programming and diagnostics using SMS, User definable input and output text descriptions, User definable input status messages, Password protection, RS485 expansion port, Terminated Inputs and Relay outputs, Compact Size (W170mm, D120mm, H50mm), Durable construction, 8 x Inputs (NC) with EOL monitoring, 4 x Relay Outputs (SPDT), (Relay contact rating 2Amp@ 12V), Optional 4 x Relay Output board, System Requirements: 10 - 30 Volts DC, 1 x Mini Sim (Vodafone, Telstra, Optus)	Provides 48 digital I/O lines on a PCI PnP interface card. Has three 16bit counters with a maximum count rate of 10MHz. More details and software available at www.pci8255.net Digital I/O 48 TTL USB This product provides 48 digital TTL inputs or buffered TTL outputs on two 50-pin IDC ribbon cables. Digital I/O 8 Opto 8 Reed Relay USB This product provides eight isolated digital inputs and eight Form C (SPDT) relay outputs capable of carrying up to 2A of current. Industrial Control Card ISA Just the answer if you want to connect to the real world but are not interested in working at the TTL level. This card provides four headers each of which supports an I/O card connected via ribbon cable, ie Cat Nos 17003, 17004 and 17005 in any quantity or combination. A total of 64 I/O are therefore supported. More details and drivers available at www.smatlab.com Industrial Control Card PCI Provides 4 digital I/O ports on a PCI PnP interface card. Each port has 16 I/O lines and can be programmed as input or output. It connects to the reed relay and opto input cards. More details and drivers available at www.smatlab.com Parallel Port Digital I/O Allows eight digital inputs and eight digital outputs to be controlled and operated via a parallel port. Remote Power Control Box Additional power control box for use with Cat No 17064. SMS I/O Controller Features Inputs / Outputs: Remote programming and diagnostics using SMS, User definable input and output text descriptions, User definable input status messages, Password protection, RS485 expansion port, Terminated Inputs and Relay Outputs, Compact Size (W170mm, D120mm, H50mm), Durable construction, 8 x Inputs (NC) with EOL monitoring, 4 x Relay Outputs (SPDT), (Relay contact rating 2Amp@12V), Optional 4 x Relay Output board, System Requirements: 10 - 30 Volts DC, 1 x Mini Sim (Vodafone, Telstra, Optus)

Data Logging & Control - DIO & Timer/Counter

ACL8454-12	16 DI 8 DO 12 CH Timer/Counter The ACL-8454 is a general purpose timer/counter and digital I/O card for IBM PC/AT or compatibles. It provides four 8254 programmable interval timer, twelve 16-bit down counters, 8 digital outputs and	452.73	498.00
	16 digital inputs. Other features include flexible clock source and gate control setting, internal periodic and external interrupt source with IRQ selectable from 3 to 15.		
ACL7130-12	32 Isolated DIO with Counter Provides 32 isolated digital I/O channels and 32 TTL digital I/O channels. The isolated I/O channels are isolated to 2500Vrms (excluding cables). Multiple interrupt sources can be selected with hardware jumper settings. There are 16 isolated inputs (up to 24 V input range) and 16 isolated outputs (200mA sink current) along with 16 TTL Inputs and 16 TTL outputs. There is also a programmable counter.	382.73	421.00
AX5216-12	5 CH Timer/Counter 8 DIO ISA The AX5216 is a 5 channel 16-bit counter/timer and 8-bit digital I/O board. The integrated timing control circuit provides enormous flexibility in permitting hundreds of programmable configurations that count events, generate square waves with simple or complex duty cycles, support external timing sources, triggers, and gates, also provide time-of-day clock and alarm functions.	441.82	486.00
SI82551-12	Digital I/O 48 Ch & 3 Counters ISA 8255 This programmable interval timer/counter allows the generation of accurate time delays under software control & provides 48 digital I/O channels. It is a programmable peripheral interface for PC/XT, PC/AT, 80386, 80486 or compatible and contains one 8253 chip and two 8255 chips. The 8253 chip provides programmable interval timer/counter functions and the 8255 chips provide programmable I/O functions. The 8244 contains three 8-bit ports all of which are software configurable giving a total of 48 I/O TTL lines.	172.73	190.00

Data Logging & Control - Expansion Boards

17043-12	Parallel Port Expansion Case	44.55	49.00
17036-12	Parallel Port Extension Kit	71.82	79.00
	Provides five parallel expansion sockets to allow multiple parallel port modules to be connected at one		

time. May be daisy chained to allow support for up to 16 modules.

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Data Logg	ing & Control - Industrial Computers		
17071-12	9 Slot Active Back Plane An active backplane to the PICMG standard, it has 3 ISA slots (2 PICMG in line) and 6 PCI slots.	362.73	399.00
PAC100-12	Ind Computer Chassis: 6 slots & PS This industrial wall mounted chassis consists of 6 AT slot passive backplane, 100W power supply, 37 CFM filtered fan and supports one 3.5" 1.44MB FDD and one 3.5" half-height HD. Dimensions are 402.2 mm(L) x 272 mm(W) x 185 mm(H) and weight is 6.5kg.	892.73	982.00
17057-12	Ind CPU Card Celeron 2S1P 2IDE FDC VGA Accepts Intel Celeron (Socket 370) CPU. Supports up to 512MB EDO/SDRAM in two DIMM sockets, four IDE drives/devices, two floppy drives, one RS232 serial port, one RS232/422/485 port, one SPP/EPP/ECP parallel port, VGA display and 16 level watchdog timer. The CPU is not included.	1278.18	1406.00
17055-12	Industrial Case 19in 4U 14 slot Rack mounted 19" industrial case which caters for up to 14 slots and has 2 x 5.25" and 2 x 3.5" drive bays. Physically accepts standard PS/2 power supplies - we recommend Cat No 8894. The power supply and passive back plane are separate items.	1020.00	1122.00
17056-12	Industrial Passive Backplane 10ISA 4PCI Passive backplane with 10 ISA (3 PICMG)and 4 PCI slots for Cat No 17055. Has connectors for both AT(PS/2) and ATX power supplies. A number of diffent backplane layouts are available.	258.18	284.00
17088-12	Rack Mount Black 2U 19 Server Chassis Dimensions: 493mm(D) x 422mm(W) x 88mm(H), Riser Card with 3 PCI slots, Drive bays: 1 x 5.25"(External), 1 x 3.5"(External), 4 x 3.5" (1" height, Internal)	335.45	369.00
17091-12	Rack Mount Black 4U 19 Server Chassis N Dimensions $(mm): 177(H) \times 422(W) \times 590(D)$, Drive bays: External 3 x 5.25", External 2 x 3.5", Internal 4 x 3.5", M/B type: Extended ATX $(12" \times 13")$	317.27	349.00
Data Logg	ing & Control - Industrial Control		
17079-12	Hard Disk Restore Card The fastest and easiest PC recovery System. With a Hard Disk Restore Card installed in your computer you will save valuable time and you will no longer need to: Reset any unwanted changes made to the system, Fix corrupt files and programs, Reset changes made to the CMOS settings, delete unwanted files and programs saved on C:/, Clean your system of temp files, manage user profiles, Run scan disk or defrag your C:/, Clean unwanted cookies from internet access.	126.36	139.00
AX740-12	Prototype Development Board This Universal Development panel permits user's application to be easily connected to any data acquisition and control interface board with 50-pin mating or 37-pin D-type connector. There are two 50-pin mating connectors on the LHS and two 37-pin D-type connectors on the RHS. It also permits "daisy-chaining" to other accessory panels. All system I/P's or O/P's are available to the user via miniature screw terminal connectors on the panel. A breadboard area facilitates the construction of user interface circuits such as filters, attenuators, amplifiers and other special circuits.	130.91	144.00
17042-12	Sensor Mark Sensor Red/Green Dual Light The use of a dual light source (Red/Green) greatly enhances the colour discrimination of this sensor. The sensing distance is 8mm and the sensitivity can be continuously adjusted. A Yellow/Blue model is optionally available.	235.45	259.00
17039-12	Sensor Photoelectric Diffuse Reflective Allows the detection of transparent materials within the range of 0 to 200mm at a switching rate up to 1kHz.	80.91	89.00
17038-12	Sensor Photoelectric Retro Reflective Consists of a light source and sensor in one unit along with a reflector. It provides one side wiring with a range of 0 to 2.4m and has a maximum switching rate of 1kHz. It also allows parallel operation.	80.91	89.00
17037-12	Sensor Photoelectric Thru Beam A sender and a receiver unit allows a range of up to 10m with a 1ms response time. Maximum switching speed is 500Hz.	90.00	99.00
17040-12	Sensor Proximity Non Shielded The proximity sensor will detect an iron target 18mm x 18mm x 1mm at a distance of 8mm and a max switching rate of 1kHz	40.91	45.00
17041-12	Sensor Proximity Shielded Similar to Cat No 17040 except that the sensor is shielded and the maximum detection distance is 5mm.	44.55	49.00
17046-12	Temp & Humidity Measurement Card 12 Bit A data logging and control card designed to measure temperature and humidity. The temperature signal conditioning module and sensor(Cat. No. 17047) are included with the card.	326.36	359.00
17084-12	USB Auto Reset - Watchdog This watchdog timer connects to a USB port and to the reset contacts on the computer motherboard. If the computer stops responding a hardware reset is applied to the computer. There is native support for Windows ME, 2000, XP and .NET. Support is also provided for Win98 and Linux. An API is also provided.	153.64	169.00

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Data	Logg	ing 8	k (Control	-	Ind	lustr	ial	Control	

17090-12	USB Humidity & Temperature Sensor The USB-Humidity measures the relative humidity and air temperature though a hole in the Middle of the housing. The device contains a calibrated precision sensor with a measurement accuracy of ± 2 % relative humidity and $\pm 0.4^{\circ}$ Celsius in most part of measurement range.	290.00	319.00
17083-12	USB Switch / Watchdog Configure as a USB controlled switch that can be operated over your network or as a USB watchdog that turns the power off and on to restart a computer. Contacts are rated at 240V 15A. There is native support for Windows ME, 2000, XP and .NET. Support is also provided for Win98 and Linux. An API is also provided.	162.73	179.00
17085-12	USB Temperature Sensor This USB temperature sensor simply plugs into the USB port and allows the pc to monitor and log the temperature wherever the sensor is placed. The unit does not require drivers and comes with an API for easy integration into the users own applications. Up to 127 sensors can be connected to one pc using USB hubs. These devices cannot be used where failure of the sensor could harm people.		169.00
17050-12	Watch Dog Timer Card II ISA If your application program locks up, this card will turn off the power to the computer after a selectable period. This is done by writing to the card base address to reset the internal counter. This is usually done in the main loop of your program. The power unit connects between the wall power outlet and the computer and simply turns off the power and then turns it back on again. Utility software is included for DOS, Windows 3.1/95/NT, OS/2 and UNIX. The advantage of the Watch Dog Timer II over the Watch Dog I is that the Watch Dog II has an expansion power control box that can control an external component.	180.91	199.00
17076-12	Watch Dog Timer Card II PCI If your application program locks up, this card will turn the power to the computer off and on after a selectable period. This is done by writing to the card base address to reset the internal counter. This is usually done in the main loop of your program. Utility software is included for DOS, Windows 3.1/95/NT, OS/2 and UNIX. For full details and software see www.pciwatchdog.com	590.00	649.00
17044-12	Watch Dog Timer Card ISA If your application program locks up, this card will apply a hardware reset to the computer after a selectable period. This is done by writing to the card base address to reset the internal counter. This is usually done in the main loop of your program. Utility software is included for DOS, Windows 3.1/95/NT, OS/2 and UNIX.	150.00	165.00
17070-12	Watch Dog Timer Card PCI If your application program locks up, this card will apply a hardware reset to the computer after a selectable period. This is done by writing to the card base address to reset the internal counter. This is usually done in the main loop of your program. Utility software is included for DOS, Windows 3.1/95/NT, OS/2 and UNIX. For full details and software see www.pciwatchdog.com	271.82	299.00
Data Loggi	ng & Control - Relay		
17004-12	16 Channel Reed Relay Output Board This card provides 16 SPDT relays to drive 16 different output lines. Maximum contact rating is 150VDC/2A and 125VAC/2A and breakdown voltage AC/DC 500V minimum. Includes one 26-pin flat cable. It interfaces to a PC via the 17002 or 17054 Industrial Control Card.	271.82	299.00
AX756-12	24 CH Relay Actuator Panel The AX756 relay actuator panel is designed for control applications. It contains 24 channel electro- mechanical SPDT relays driven by 24-bit digital output port of AX5214 and AX56014M digital I/O module of AX5611C series boards. Each switch can handle 2 amp at 100VDC or 125 peakVAC. The normal open, normally closed and common contacts of each relay are brought out strip connections.	334.55	368.00
PIODC5A-12	AC SSR 200V 5A for PI940 DC Solid State O/P module for 8 channel SSR I/O and 8 Opto isolated I/P expansion board (Cat. No. PI940). Rated at 200VDC, 5A.	48.86	53.75
PIOAC5A-12	DC SSR AC 5A for Pl940 AC Solid State O/P module for 8 channel SSR I/O and 8 Opto isolated I/P expansion board (Cat. No. Pl940). Rated at 240VAC, 5A.	48.86	53.75
ACLD779-12	Relay Isolated Amplifier & Multiplexer Features 1000VDC channel to channel and input to output isolation. It multiplexes 8 differential inputs into an analog input and has cold junction compensation for thermocouple input. The instrumentation amplifier has switch selectable gains of 1, 10, 50, 100, 200, and 1000. There are built-in conditioning functions for signal filtering and it operates from a single +5v power supply. It may be connected to the ACL812PG or ACL711B.	756.36	832.00

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ACL17050-12	Data Acquisition DLL for A/D D/A Win 95 Top performance DLL data acquisition drivers for developing custom applications under Windows 95 for ACL series Multi-Function Data Acquisition cards (ACL-8112, ACL-8111, ACL-6126). These drivers are all DLL (Dynamic-Link Library) and can work with any Windows programming language that allows calls to a DLL, such as C/C++ & Visual Basic.	400.91	441.00
ACL17049-12	Data Acquisition DLL for A/D D/A Win NT Top performance DLL data acquisition drivers for developing custom applications under Windows NT for ACL series Multi-Function Data Acquisition cards (ACL-8112, ACL-8111 and ACL6126). These drivers are all DLL (Dynamic-Link Library) and can work with any Windows programming language that allows calls to a DLL, such as C/C++ & Visual Basic.	401.82	442.00
ACL17048-12	Data Acquisition DLL for Dig I/O Win 95 Top performance DLL data acquisition drivers for developing custom applications under Windows 95 for ACL series Digital I/O cards ACL-7120, ACL7125 and PET-48DIO. These drivers are all DLL (Dynamic-Link Library) and can work with any Windows programming language that allows calls to a DLL, such as C/C++ & Visual Basic.	239.09	263.00
ACL17047-12	Data Acquisition DLL for Dig I/O Win NT Top performance DLL data acquisition drivers for developing custom applications under Windows NT for ACL series Digital I/O cards ACL-7125, ACL-7120 and PET-48DIO. These drivers are all DLL (Dynamic-Link Library) and can work with any Windows programming language that allows calls to a DLL, such as C/C++ & Visual Basic.	239.09	263.00
ACL17046-12	Data Acquisition Software Kit Win95 The kit comprises of a high performance data acquisition software driver for developing custom applications with the ACL series data acquisition cards as well as demonstration programs in C/C++ and Visual Basic.	525.45	578.00
ACL17051-12	LabVIEW Driver for ACL DIO Cards Link the ACL series Digital I/O cards to LABVIEW's virtual instruments (VI's) to produce interactive instrument panels. It supports ACL-7120, ACL-7125 and PET-48DIO cards.	308.18	339.00
ACL17052-12	LabVIEW Driver for ACL M/function Cards Link the ACL series Multi-Function Data Acquisition cards to LABVIEW's virtual instruments (VI's) to produce interactive instrument panels. It supports ACL-7120, ACL-7125 and PET-48DIO.	354.55	390.00
17029-12	Opto / Relay I/O Control Software Control software to simply program the ACL725 and the FPC046 opto isolated input and reed relay output cards. If you need custom software for any of our control cards, give us a call.	168.18	185.00
Data Loggii	ng & Control - Terminal Boards		

AX750-12	General Purpose Screw Terminal Panel General purpose screw terminal panel, with 1 metre cable and 50-pin connector, convenient connection interface for A/D, D/A and DIO signals. It has standoffs to allow table-top operation and provides easy connection, via 80 barrier strip conections, to all analog and digital I/O signals to the AXIOM DA & C series boards.	203.64	224.00
17033-12	Parallel Port 12 Bit A/D Term Board Plugs into the parallel port A/D modules and provides terminal blocks and breadboard area.	71.82	79.00
ACL17053-12	Terminal Board 16 Opto 8 Relay An external terminal board which connects via 50 pin ribbon cable. It provides 16 opto isolated inputs and 8 single pole double throw reed relay outputs, the relay coils are 12 Volt. It has 24 LEDs for line status indication and is suitable for use with ACL7122, PET48DIO and ACL7124.	438.18	482.00
17010-12	Terminal Board for 17001 AD/DA For cat no 17001. It includes 1 ribbon cable.	117.27	129.00
ACLD9137-12	Terminal Board for ACL 7125 etc A screw terminal board which plugs directly into the DB37 connector on the back of ACL cards. It is suitable for use with ACL8111, ACL8112, ACL8113, ACL6126, ACL8454, ACL7125 and ACL7225.	130.00	143.00
ACLD8125-12	Terminal Board for ACL 8112 Uses a DB37 connector to connect to an ACL8112 card. Has onboard cold junction compensation and breadboard area for signal conditioning circuitry. Includes screw type terminal connectors.	224.55	247.00
ACLD9881-12	Terminal Board for ACL 8113 Suitable for the ACL-8113, it connects via a DB37 cable which is included with the board.	143.64	158.00
3067-12	Terminal Board for S18255-1 DIO Designed for Cat No S18255-1 it includes 2 Ribbon Cables, 64 Screw terminals and power LED.	162.73	179.00

Supports 32pin PLCC EPROM ranging from 2764 to 27512.

Eprom Adapter DIP-32 to PLCC-32 (512K)

3442-12

301.82

332.00

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3104-12	EPROM Eraser Combining good performance and low cost the DATABASE II ACT EPROM eraser accommodates A	180.91	199.00
	Combining good performance and low cost, the DATARASE II ACT EPROM eraser accommodates 4 devices and up to 40 pin packages. It suits small-scale developers. Timer is adjustable from 2 to 24 minutes. Plastic construction.		
3159-12	EPROM Writer Parallel 1 Burner 32 pin 8 Manufactured in the USA, this is one of our more popular programmers. It connects to LPT1, 2 or 3 and the software automatically searches for the connection. It has a 32 pin ZIF socket and will program from 16k to 8M. A large range of optional adapters are available, including:- 40 pin adapter, serial adapter for 8 pin serial EEPROMs, 874X adapter, 875X adapter, 5 gang 28 pin socket, 2716-27256 EPROM emulator adapter, PLCC adapter, Pic adapter, 16 pin X4 & X8 adapter, Static RAM tester adapter and a 2708 adapter (Cat 3293). It accepts binary, Intel/Extended Intel, Motorola \$19/\$\$28/\$37 and Tektronics Hex formats. Windows based programming software operates under Windows 95/98/NT/2000/XP.	435.45	479.00
3473-12	EPROM Writer Parallel 1 Burner 32/28/24 Manufactured in the USA, this is one of our more popular programmers. It connects to LPT1, 2 or 3 and the software automatically searches for the connection. It has a 32 pin ZIF socket and will program from 16k to 8M. A large range of optional adapters are available, including:- 40 pin adapter, serial adapter for 8 pin serial EEPROMs, 874X adapter, 875X adapter, 5 gang 28 pin socket, 2716-27256 EPROM emulator adapter, PLCC adapter, Pic adapter, 16 pin X4 & X8 adapter, Static RAM tester adapter and a 2708 adapter. It accepts binary, Intel/Extended Intel, Motorola S19/S28/S37 and Tektronics Hex formats. Windows based programming software operates under Windows 95/98/NT/2000/XP.	425.45	468.00
3293-12	EPROM Writer Parallel 2708 Adapter A 2708 adapter for programming three supply 2708 EPROMs. An optional adapter for the Pocket Parallel Port EPROM Programmer (Cat.No.3159).	790.00	869.00
3124-12	EPROM Writer Parallel 40 pin Adapter EP-16: A 40-pin adapter for 16-bit EPROMs (27C210, 27C220, etc). Optional adapter for Pocket Parallel Port EPROM Programmer (Cat. No. 3159).	166.36	183.00
3161-12	EPROM Writer Parallel 5 Gang Adapter An adapter for cat no 3159 that allows five 28 pin EPROMs to be programmed at once.	217.27	239.00
3291-12	EPROM Writer Parallel 8 pin Serial EEPR Adapter for 8 pin serial EEPROMs (24(C)XX, 85(C)XX & 93(C)XX). Optional adapter for Pocket Parallel Port EPROM Programmer (Cat. No. 3159).	156.36	172.00
3158-12	EPROM Writer Parallel 82S & 74SXXX Adap For programming 16 pin X4 & X8 PROMs (82S / 74SXXX). Optional adapter for Pocket Parallel Port EPROM Programmer (Cat. No. 3159).	321.82	354.00
3292-12	EPROM Writer Parallel 874X Adapter 874X Adapter: For programming 8741/42/48 & 49 MCU's. Optional adapter for Pocket Parallel Port EPROM Programmer (Cat. No. 3159).	152.73	168.00
3286-12	EPROM Writer Parallel 875X Adapter For programming 8751/52/54 & 58 MCU's. Optional adapter for Pocket Parallel Port EPROM Programmer (Cat. No. 3159).	156.36	172.00
3562-12	EPROM Writer Parallel AVR Adapter For programming Atmel 89C1051 (12V) 1K X 8 20 Pin 89C2051 (12V) 2K X 8 20 Pin AT90S1200 (12V) 1K X 8 20 Pin AT90S2313 (12V) 2K X 8 20 Pin AT90S2313 (12V) 2K X 8 20 Pin AT90S4414 (12V) 4K X 8 40 Pin AT90S8515 (12V) 8K X 8 40 Pin 89C4051 (12V) 4K X 8 20 Pin It is an optional adapter for Pocket Parallel Port EPROM Programmer (Cat. No. 3159).	162.73	179.00
3296-12	EPROM Writer Parallel EPROM Emulator Ad Will emulate 2716 to 27256 EPROMS. Optional adapter for Pocket Parallel Port EPROM Programmer (Cat. No. 3159).	435.45	479.00
3137-12	EPROM Writer Parallel Lo Voltage Adapte Allows the programmer to be used with 3 Volt devices.	90.00	99.00
3287-12	EPROM Writer Parallel Pic 16C5X Adapter For programming 16C5X Pic Microcontrollers. Optional adapter for Pocket Parallel Port EPROM Programmer (Cat. No. 3159).	208.18	229.00
3290-12	EPROM Writer Parallel PLCC Adapt 28 & 3 Adapter for PLCC packaging, supports both 28 and 32 pinouts. Optional adapter for Pocket Parallel Port EPROM Programmer (Cat. No. 3159).	180.91	199.00

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Device Programmers -	EPROM	Programmers
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3363-12 EPROM Writer Parallel PLCC Adapter 44 p
For programming 8751/52/54 & 58 MCU's. Optional adapter for Pocket Parallel Port EPROM
Programmer (Cat. No. 3159).

Device Programmers - Universal Programmers

3167-12	Universal Programmer & Tester Parallel A flexible universal programmer that connects via a parallel port.	1715.45	1887.00
3107-12	Universal Programmer adapter ADP-68701	285.45	314.00
3281-12	Universal Programmer adapter ADP-751	385.45	424.00
X1126-12	Universal Programmer adapter ADP-EP32	285.45	314.00
X1181-12	Universal Programmer Adapter ADP-RAM1A	531.82	585.00
3156-12	Universal Programmer Adapter ADP-Z86E08	386.36	425.00
3049-12	Universal Programmer Adapter PLCC-MPU51	256.36	282.00

Disk Drives - Accessories

6243-12	2.5in to 3.5in HDD Mounting Frame Includes mounting rails to allow 2.5in HDD to be mounted in a 3.5in bay as well as screws and 5.25in power/IDE cable adapter.	20.91	23.00
6072-12	3.5 Front Access Drive in 5.25in Frame Allows a 3.5in Floppy, Zip, LS-240 drive to be mounted and electrically connected in a 5.25in bay.	16.00	17.60
6115-12	3.5in Floppy Disk Drive Lock Prevent unauthorised down loading of your data, this device clips onto the front of drive and locks in place to prevent use. All key locks are different for further security.	35.45	39.00
6073-12	3.5in HDD 5.25in Mounting Frame Consists of mounting rails to allow a 3.5in hard drive to fit a 5.25in bay.	14.55	16.00
6728-12	Mobile Rack Frame Only for Cat 6660	35.45	39.00
6612-12	Mobile Rack HDD Frame Kit SCSI - 50 Pi The kit consists of a 5.25" mounting rack and a removable tray for a 3.5" hard disk. A latch lock prevents inadvertant or unauthorised removal. Includes a power switch and cooling fan. Take your "computer" home or put it in the safe at night.	17.27	19.00
6802-12	Mobile Rack HDD Frame Kit IDE All Alumi Designed for IDE hard drives with a data transfer rates of 133 MB/s in a removable rack. The tray and frame are both made of aluminium with a plastic front panel. There is a power LED as well as an HDD activity LED. It also has a ball bearing fan.	71.82	79.00
6615-12	Mobile Rack HDD Frame Kit IDE UATA-100 The kit consists of a 5.25" mounting rack and a removable tray for a 3.5" hard disk. It supports Ultra-DMA 100 speed drives. A latch lock prevents inadvertant or unauthorised removal. Includes a power switch and three cooling fans. Take your "computer" home or put it in the safe at night. Software for hot-swap feature does not support Linux, Win NT4/2000/XP. Also, backwards compatible UATA-33	35.45	39.00
6817-12	Mobile Rack HDD Frame Kit IDE UATA-100 Frame only part of the kit 6615	20.91	23.00
6769-12	Mobile Rack HDD Frame Kit IDE UATA-133/ This removable drive case permits you to move your IDE devices from one machine to another AND lock them in place.	35.45	39.00
6787-12	Mobile Rack HDD Frame Kit SATA All Alum Designed for SATA hard drives to provide data transfer rates of 150 MB/s in a removable rack The tray and frame are both made of aluminium with a plastic front panel. It has a 64pin industrial DIN type connector and allows hot swapping.	126.36	139.00
6236-12	Mobile Rack IDE to SATA 7200rpm Alumini Standalone parallel ATA to serial ATA device bridge chip Compliant with ATA specifications, Compatible with Ultra ATA133, Integrated serial ATA link and PHY logic, Full compliant with serial ATA 1.0 specifications, Support serial ATA generation 1 transfer rate of 1.5Gb/s, Support ATAPI device	90.00	99.00
6327-12	Removable HDD Frame Kit SCSI Fast Wide The kit consists of a 5.25" mounting rack and a removable tray for 3.5" drives. A slide switch unlocks the tray from the frame. A power LED and HDD access LED is located on the slide switch. Simply connect the power and SCSI cable to the drive and place the drive inside the cartridge. A metal top cover protects the hard disk drive.	174.55	192.00

Disk Drives - CD ROM Drives

6694-12 CD ROM Duplicator 1 to 3 Case and Contr

A stand alone case with five 5.25in bays, 300W power supply and a 1 to 3 CD duplicator controller with LCD display.

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790.00

869.00

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Disk Drive	es - CD ROM Drives		
6702-12	CD ROM IDE 52x Sony	53.64	59.0
6385-12	CD ROM IDE Controller Card ISA	40.91	45.0
	When you only have one IDE channel and two hard drives, this card will allow you to simply add a CI ROM drive.)	
6706-12	CD ROM Verbatim CDR 700Mb - 50 Spindle This Verbatim 700MB 48x recordable compact disc provides 80 mins of recording.	26.36	29.0
6781-12	CD RW IDE Sony 52x52x32	80.91	89.0
	This unit comes bundled with NERO Software		
6777-12	CDRW/DVD ROM Combo Slim This is a great little drive combining a DVD ROM and a CDRW drive. With CD writing speeds up to 24: it is the perfect addition for your laptop or Mini ITX computer.	226.36 x	249.0
6668-12	PC Card Drive ATA to IDE Front Access H This unit is an ATA Flash card drive which connects to the IDE port of a standard PC. It can use a PCMCIA ATA Flash, ATA Hard Disk Drive or Compact Flash card (with an adapter Cat No 21028) The system BIOS accesses the card directly as an IDE Drive. The computer can be configured to boo from the Flash Card - ideal for industrial control. This hardware, in conjuction with the firmware BIOS allows hot swapping of the memory cards Supports Win98/ME/2000/XP. The drive has a 3.5" FDD form factor, allowing it to mount in a 3.5" FDD bay, the 40 pin connector is connected directly to an IDE interface. ATA devices do not require card and socket services.). ot s.	99.0
Disk Drive	es - DVD Drives		
6849-12	CD IDE DVD+/-RW Dual Layer 16x SONY OEM	144.55	159.0
6716-12	DVD ROM SONY 16x	62.73	69.0
6848-12	DVD+/-RW Dual Layer 16x Pioneer DVR-109 Beige. Nero OEM Suite 3	126.36	139.0
Disk Drive	es - Floppy Drives		
6745-12	1.44Mb (3.5in.) External SONY USB Flopp Windows and Mac compatible, Small and portable, stylish design	80.91	89.0
6012-12	1.44Mb (3.5in.) Floppy Drive	17.27	19.0
6712-12	LS-240MB 3.5in Ultra HD FDD Internal IBM or PC compatible with available E-IDE interface and BIOS support for removable media. 318Mi unformatted, 243Mb formatted. 1736 tracks x 2 side. 1500rpm, Drive dimensions 25.4mm H, 96 mm W 126mm D.		379.0
6713-12	LS-240MB 3.5in Ultra HD FDD USB IBM or PC compatible with available E-IDE interface and BIOS support for removable media. 318Mi unformatted, 243Mb formatted. 1736 tracks x 2 side. 1500rpm, Drive dimensions 25.4mm H, 96 mm W 126mm D.		439.0
Disk Drive	es - Hard Drives		
6780-12	HD 120GB Barracuda SATA 7200rpm 8Mb	160.00	176.0
6840-12	HD 120GB Western Digital ATA 7200rpm	180.91	199.0
6818-12	HD 200GB Barracuda SATA 7200rpm 8Mb Cac	208.18	229.0
6772-12	HD 80GB Barracuda SATA 7200rpm 8Mb Cach	124.55	137.0
6851-12	HD 80GB Western Digital ATA 7200rpm 8Mb	140.91	155.0
6846-12	HD IDE 100GB Seagate 2.5in 5400rpm 8MB	480.91	529.0
6809-12	HD IDE 120GB Barracuda Ultra ATA 100 72	171.82	189.0
6788-12	HD IDE 160GB Barracuda Ultra ATA 100 72	183.64	202.0
6803-12	HD IDE 200GB Barracuda Ultra ATA 100 72	190.00	209.0
6841-12	HD IDE 200GB Western Digital Ultra ATA	226.36	249.0
6691-12	HD IDE 40GB BARACUDA Ultra ATA 100 7200	99.09	109.0
6844-12	HD IDE 40GB Seagate 2.5in 5400rpm 8MB	135.45	149.0
6692-12	HD IDE 60Gb BARACUDA Ultra ATA 100 7200	208.18	229.0
6845-12	HD IDE 60GB Seagate 2.5in 4200rpm 8MB	180.91	199.0
6677-12	HD IDE 80GB Barracuda Ultra ATA 100 720	108.18	119.0
6847-12	HD IDE 80GB Seagate 2.5in 5400rpm 8MB	250.00	275.0
6700-12	HD SCSI LVD 160 36.4GB SEAGATE 10000 RP SCSI 68 PIN CONNECTION	508.18	559.0

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HD SCSI LVD 160 36.7GB FUJITSU 10000 RP

SCSI 68 PIN CONNECTION

SCSI 68 pin connection , 8Mb Cache

6735-12

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499.00

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Cat No	Description	RRP Ex GST I	nc GST
Disk Drives	- Hard Drives	<u>IA GD1 1</u>	iie GBI
6749-12	HD SCSI LVD 160 36GB SEAGATE 15000 RPM SCSI 68 PIN CONNECTION	908.18	999.0
Disk Drives	- PCMCIA		
6741-12	CF Card Drive ATA to IDE Front Access This unit is a Compact Flash ATA Flash card drive which connects to the IDE port of a standard PC. The system BIOS accesses the card directly as a IDE Drive. The computer can be configured to boo from the Compact Flash Card - ideal for industrial control. This hardware, in conjuction with the included software allows hot swapping of the memory cards Supports Win98/ME/2000/XP. The drive has a 3.5" FDD form factor, allowing it to mount in a 3.5" FDD bay, the 40 pin connector is connected directly to an IDE interface. ATA devices do not require card and socket services. A similar model is also available which has rear access for PC Card/PCMCIA cards.	s	139.0
6771-12	IDE to CF Card Adapter A small adapter that allows a CF card to be plugged straight into an IDE port on your motherboard.	40.91	45.0
6794-12	MAC - PC Monitor Adaptor for PC to use A small adapter that allows a PC to use a Mac monitor.	18.64	20.50
6539-12	PCI to PCMCIA Adapter - Use PCMCIA Card The PCI to PCMCIA adaptor adds a PCMCIA port to any desktop, so you don't have to buy two of everything - one for your notebook and one for your desktop. Its features include: Support Type I, II and III PCMCIA Cards Compliant with PCI Local Bus Specification 2.2 Compliant with PC Card Standard Release 8.0 Specification Support 16-bit (PCMCIA 2.1/JEIDA 4.2) and 32-bit (CardBus) PC card with 3.3V/5V operation Support Hot Swapping One rear access PC Card (Type I/II/III PCMCIA card) slo Support ATA Flash Card, PC Card Adapter, Bluetooth and Wireless LAN Card, etc	l h	69.0
6458-12	PCMCIA Drive & Cont & 3.5 in FDD Combo It's a floppy drive and a PCMCIA drive all in the physical size of a standard 3.5 in floppy drive. The floppy drive plugs into a standard controller while the PCMCIA drive plugs into its' own ISA controller card.		199.0
6121-12	PCMCIA Drive & ISA Cont Int 2 Sockets Transfer your PCMCIA based data to your desktop PC. This "drive" supports two type 1 (memory cards or I/O) or one Type II card (Fax/Modem, network, SunDisk ATA interface cards, Intel Corporation's ExCA cards) and one Type III card (ATA 1.3" and 1.8" hard disk drives).		149.00
6469-12	PCMCIA Drive ATA to IDE Front Access C This unit is an ATA Flash card drive which connects to the IDE port of a standard PC. It can use a PCMCIA ATA Flash, ATA Hard Disk Drive or Compact Flash card (with an adapter Cat No 21028).	108.18 1	119.00
Disk Drives	- Removable Media		
6807-12	USB 2.0 Portable Storage Drive 128Mb Simplest method of convenient, fast adn reliable data storage. With a transfer rate of up to 480Mbps Comes with security zone software that allows you to partition the memory size and password protec your private data. Package content: Pocket disk, USB extension cable, Necklace, driver and application software.	t	47.00
6808-12	USB 2.0 Portable Storage Drive 1Gb Simplest method of convenient, fast adn reliable data storage. With a transfer rate of up to 480Mbps Comes with security zone software that allows you to partition the memory size and password protec your private data. Package content: Pocket disk, USB extension cable, Necklace, driver and application software.	t	199.00
6806-12	USB 2.0 Portable Storage Drive 256Mb Simplest method of convenient, fast adn reliable data storage. With a transfer rate of up to 480Mbps Comes with security zone software that allows you to partition the memory size and password protect your private data. Package content: Pocket disk, USB extension cable, Necklace, driver and application software.	t	79.00
6850-12	USB 2.0 Portable Storage Drive 2Gb Simplest method of convenient, fast adn reliable data storage. With a transfer rate of up to 480Mbps Comes with security zone software that allows you to partition the memory size and password protec your private data. Package content: Pocket disk, USB extension cable, Necklace, driver and application software.	t	550.00
6805-12	USB 2.0 Portable Storage Drive 512Mb Simplest method of convenient, fast adn reliable data storage. With a transfer rate of up to 480Mbps Comes with security zone software that allows you to partition the memory size and password protec		129.00

Comes with security zone software that allows you to partition the memory size and password protect your private data. Package content: Pocket disk, USB extension cable, Necklace, driver and application software.

6362-12 ZIP Drive Disks 100MB capacity 10 Pack 253.64 279.00 6340-12 ZIP Drive Disks 100MB capacity Single 26.36 29.00 235.45 6504-12 ZIP Drive Disks 250MB capacity 10 Pack 259.00

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Page: 35 Cat No Description RRP Ex GST Inc GST **Disk Drives - Removable Media** 38.18 6537-12 ZIP Drive Disks 250MB capacity 2 Pack I 42.00 6511-12 ZIP Drive IDE Internal 250MB 217.27 239.00 Bar drive only ZIP Drive USB External 250MB Iomega 271.82 299.00 6513-12 The Zip 250 USB Drive, offers a design that meets the high-capacity storage needs for both PC and Mac users. It is 2.5cm thick and weighs less than half a kilogram. The drive connects to the USB Port or, for mobile users, an optional host-powered PCMCIA interface is available. Fax - Fax 5844-12 308.18 Samsung Inkjet Fax/Copier with Digital 339.00 Samsung SF-335T was designed using the latest technology. It is a full-featured, high-performance machine that not only meets, but also exceeds industry standards. 5851-12 Samsung Inkjet Ink Only For SF-330 & SF 80.91 89.00 Input Device - Digitisers 8579-12 69.09 Digitiser Replacement Cable for Smartec 76.00 Cable has connection to keyboard for power, DB9 female for serial, and 8 pin mini din for digitiser. 8676-12 162.73 179.00 It's a mouse which uses electromagnetic technology to provide high resolution input - there is no ball to clog. It's also a stylus pen input device which has pinpoint accuracy with writing, drawing and painting capabilities. The nice features are the absolute reference of the mouse (or stylus) on the pad - no more jumping the mouse to get back on the screen, great for inputting your signature and you can use the mouse and stylus interchangeably. Software is included to make navigating the internet a dream as well as handwriting recognition, signature posting utility, signature identification, screen saver and popup 58.18 8814-12 Mouse Tablet - Replacement Stylus Pen 64.00 A stylus pen input device which has pinpoint accuracy with writing, drawing and painting capabilities. Input Device - Keyboards 1008177-12 44.55 Keyboard & Mouse - LABTEC with Internet 49.00 Style and comfort, form and function. That's what you'll get from the black and silver Internet Desktop, the keyboard and mouse combination with everything you need. The keyboard has Internet and multimedia controls conveniently arranged at your fingertips, and the mouse features three buttons and a scroll wheel. Navigate the Net, send e-mail with one button, play your favorite music... efficiently, comfortably, and in style. 1008106-12 Keyboard - Mitsubishi 107 key BLACK PS/ 30.91 34.00 A Black coloured 107 key keyboard. Ps/2 connection. Seal available Cat No. X1060 544.55 8999-12 Keyboard 104 Key Cherry G81-8000 + Mag 599.00 Full Size, 104 keys, beige PS/2, 43 Programmable Keys, track 1 & 2 magnetic stripe reader 6 pin & 9 barcode 30.00 1008070-12 Keyboard 104 Key Mitsubishi PS/2 Beige 33.00 Standard Mitsubishi Keyboard 1008165-12 Keyboard 104 Key Mitsubishi USB Beige 31.82 35.00 Keyboard seal available Cat No. X1028 26.36 Keyboard 104 Key with WIN 95 Keys PS/2 8567-12 29.00 The 'standard' keyboard with Windows keys. Moulded plastic seals available to protect keyboard from spills etc (Cat X1028) 25.45 8578-12 Keyboard 104 Key with WIN 95 Keys PS/2 28.00 8481-12 Keyboard 104 Natural MS Compatible 80.00 88.00 A "split" keyboard which is compatible with the Microsoft Natural Keyboard. Keyboard 105 Key Backlit Blue Luminesce 71.82 1008171-12 79.00 This 105 key keyboard has a remarkably soft, even, luminescent back light. It produces a gentle blue glow and is ideal for using a computer at night in mobile applications. eg taxis, police cars etc. 17.27 8996-12 Keyboard 105 Key Czech 19.00 A standard Czech language keyboard. 8995-12 Keyboard 105 Key Greek 17.27 19.00 A standard Greek language keyboard. 17.27 8992-12 Keyboard 105 Key Italian 19.00 A standard Italian language keyboard. 8991-12 Keyboard 105 Key UK English 17.27 19.00 A standard UK English language keyboard. Keyboard 109 Key - Black 26.36 1008002-12 29.00 A Black coloured (or lack of colour) keyboard in a standard layout along with Power, Sleep and Wake

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1008172-12	Keyboard 123 Key Multimedia incl 18 Hot A multimedia keyboard with a total of 123 keys, including 18 hot keys. It is silent with a soft touch and tactile feedback.	35.45	39.00
8549-12	Keyboard 60key - Large Keys 2.5mm sq - * All keys are easy to see: 1-inch square!	353.64	389.00
	* Familiar QWERTY layout.		
	* Easy-to-read key labels		
	* Contains all essential characters: 97 character keyset. Compatible with all major software packages.		
	* No special software required! Just plug into your PC in place of the regular keyboard. PS2 connector.		
	*No run-on! Each key press generates only 1 character, no matter how long the key is held down.		
1008170-12	Keyboard 88 Key Backlit Blue Luminescen This compact, thin keyboard has a remarkably soft, even, luminescent back light. It produces a gentle blue glow and is ideal for using a computer at night in mobile applications. eg taxis, police cars etc.	62.73	69.00
3751-12	Keyboard 88 key Beige w Touch Pad A handy compact sized 88 key keyboard with an integral touch pad pointing device. It has a cable for a PS2 keyboard and PS/2 connector for the touchpad (mouse).	126.36	139.00
9232-12	Keyboard 88 key Black w Touch Pad A handy compact sized 88 key keyboard with an integral touch pad pointing device. It has a cable for a PS2 keyboard and PS/2 connector for the touchpad (mouse). Also available in Beige.	130.91	144.00
3750-12	Keyboard 88 key InfraRed w Point Button A handy compact sized 88 key keyboard with integral "mouse" pointing button. It is a cordless design using infra red technology. The receiver is fitted with PS/2 Mini DIN connectors, one for the mouse and one for the keyboard.	162.73	179.00
9238-12	Keyboard 88 key InfraRed w Point Button A handy compact sized 88 key keyboard with integral "mouse" pointing button. It is a cordless design using infra red technology. The receiver is fitted with USB connector.	167.27	184.00
1008194-12	Keyboard CHERRY 104 key with Touch Pad 83 Key Low Profile Notebook style keyboard with integrated trackball. PS2-PS2. Keyboard seal available for this keyboard. Cat No. 8383.	299.09	329.00
1008195-12	Keyboard CHERRY 104 key with Touch Pad 83 Key Low Profile Notebook style keyboard with integrated trackball. PS2-PS2. Keyboard seal available for this keyboard. Cat No. 8383.	326.36	359.00
1008193-12	Keyboard CHERRY 104 key with Touch Pad 83 Key Low Profile Notebook style keyboard with integrated trackball. PS2-PS2. Keyboard seal available for this keyboard. Cat No. 8383.	299.09	329.00
1008192-12	Keyboard CHERRY 104 key with Touch Pad 83 Key Low Profile Notebook style keyboard with integrated trackball. PS2-PS2. Keyboard seal available for this keyboard. Cat No. 8383.	317.27	349.00
1008009-12	Keyboard Cherry Compact 83 Key G84-4100	171.82	189.00
1008118-12	Keyboard CHERRY G84-4400 83key Slim wit 83 Key Low Profile Notebook style keyboard with integrated trackball. PS2-PS2. Keyboard seal available for this keyboard. Cat No. 8383.	326.36	359.00
1008121-12	Keyboard CherryCompact 83Key G84-4100 B	171.82	189.00
1008191-12	Keyboard CHERRYG84-4400 83key Slim Trac 83 Key Low Profile Notebook style keyboard with integrated trackball. PS2-PS2. Keyboard seal available for this keyboard. Cat No. 8383. This is the Black Version	326.36	359.00
8403-12	Keyboard Compact 80 key w101 functional Fitted with PS/2 Mini DIN connector. Moulded plastic seals are available to protect your keyboard from spills etc (Cat 8293)	58.18	64.00
1008166-12	Keyboard Ergonomic Microsoft Optical De Ergonomic wireless keyboard and mouse, includes Tilt Wheel technology and longer battery life - many users average more than 6 months battery life	180.91	199.00
1008036-12	Keyboard Ergonomic with Internet H/Keys Split Key 3D ergonomic design to support your hands for comfortable typing. Palm rest offering a comfortable height for wrist and forearms. 7 hot keys for Internet, e-mail, search, volume Up/Down, mute, sleen.	53.64	59.00

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Input Devi	ce - Keyboards		
1008141-12	Keyboard Logitech MX Duo Black/Silver & Combining the award-winning Logitech MX 700 cordless optical mouse with the stylish, ultra-flat cordless keyboard.	180.91	199.00
	Control music and videos from convenient keyboard buttons. Or take advantage of the extra function keys for smarter navigation through applications, files, web sites, and more. And enjoy the maintenance-free precision and convenience of the rechargeable cordless mouse.		
1008187-12	Keyboard Microsoft Basic Wireless KB & Start, play & navigate music & video clips with the touch of a button, Customisable Hot Keys lets users quickly start Messenger, Mail, Internet, & Calcualtor programs	90.00	99.00
88003-12	Keyboard Microsoft Multimedia PS/2 Blac	68.18	75.00
1008018-12	Keyboard Microsoft NATURAL Keyboard Pro Ergonomic Keyboard. Connects via PS/2.	117.27	129.00
1008188-12	Keyboard Microsoft Wireless Optical Cor This desktop set gives you the freedom of wireless functionality with lots of one-touch features, like programmable Hot Keys and a multimedia center. The elegant optical mouse features tilt wheel technology.	90.00	99.00
1008073-12	Keyboard Roll-up 104 key True Touch PS/ Roll-up keyboard	71.82	79.00
1008074-12	Keyboard Roll-up 104 key True Touch USB Great for travelling.	80.91	89.00
8650-12	Keyboard USB Beige Multimedia/Internet	26.36	29.00
8861-12	Keyboard with Finger Print Reader With fingerprint-protected logon and screen saver, you can be using your computer in as little as one second. Drivers are included for MS Windows 95/98/2000/NT)	362.73	399.00
8860-12	Keyboard with Smart Card Reader This keyboard has a PC/SC compliant smart card reader built into it and is compatible with Windows 2000 security logon.	117.27	129.00
1008047-12	Keyboard Wyse 120 PC Enhanced	262.73	289.00
1008168-12	Keypad 18 Key with LCD Display LCD displays characters from left to right and wraps them back to the start position when the last position is entered. Only the "Arrow" and "Enter" key can modify the LCD display data. "0 to 9" keys will be sent to the LCD and to the host as they are pressed. It connects to a serial port and has a 7.5m cable.	144.55	159.00
1008010-12	Keypad Cherry - G84-4700 Black	144.55	159.00
1008158-12	Microsoft Wireless Optical Desktop 1000 PS/2 & USB - Includes keyboard and mouse.	90.00	99.00
Input Devi	ce - Keypads		
8780-12	Keypad 18 Key USB Connection Plugs into a standard USB port. Ideal for notebooks etc. Only suitable for use under Win 98/ME/2000/XP.	80.91	89.00
8904-12	Keypad 20 Key PS/2-AT Connection - Prog Store multiple keystrokes or complex commands under one key. The clear keycaps are easily removeable to allow custom legends. Connects to PS/2 (or AT with adapter, not included) motherboards. Keys are programmed via the standard keyboard, which may be left connected to the computer at the same time as the keypad. Keys	290.00	319.00
8933-12	are beige in colour. Keypad 20 Key USB Connection - Programm Store multiple keystrokes or complex commands under one key. The clear keycaps are easily removeable to allow custom legends. Connects via a USB port. Keys are coloured in banks. Supports Win 98 and Mac OS, Win 2000 available soon, in the meantime you can program on Win 98 and use on Win2000 & XP.	271.82	299.00
8779-12	Keypad 22 Key PS/2 Connection (incl 4 F Plugs into a standard PS/2 6 pin mini DIN connector. Ideal for notebooks etc. 18 keys plus 4 function keys. Does not support daisy-chain keyboard.	71.82	79.00
8594-12	Keypad 22 Key PS/2 Slimline (inc 4 Func PS/2 6-pin Mini DIN connection. Has 4 function keys and pull out resting pad. This Eagle-Touch keypad is ideal for the notebook computer and can operate as a small stand alone keyboard. It features an ergonomically designed pull out rest pad, low power consumption and high reliability membrane soft-touch key-switches as well as 4 function keys and an ESC key Does not support daisy-chain keyboard. Seal Cat No. X1084	71.82	79.00
8107-12	Keypad 22 key Serial Connection Plugs into a standard serial port and a small TSR program captures the keystrokes and directs them to the keyboard buffer. Win95 drivers included.	80.91	89.00

the keyboard buffer. Win95 drivers included.

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input Devi	ce - Keypads		
8934-12	Keypad 58 Key PS/2-AT Connection - Prog Store multiple keystrokes or complex commands under one key. The clear keycaps are easily removeable to allow custom legends. Connects via a PS/2 or AT keyboard port. The keys are programmed via the standard keyboard, which may be left connected to the computer at the same time as the keypad. Keys are beige in colour.	361.82	398.00
8935-12	Keypad 58 Key USB Connection - Programm Store multiple keystrokes or complex commands under one key. The clear keycaps are easily removeable to allow custom legends. Connects via a USB port. Keys are coloured in banks.	361.82	398.00
9234-12	Keypad Cover to suit Cat 8904 XD-02-PS2	28.18	31.00
8936-12	Keystroke Macro - Switch Activated - US Store multiple keystrokes or complex commands and send them to your computer by simply closing a switch. There are 12 switch inputs which can share over 900 keystrokes. The inputs consist of 3.5mm phono mono sockets. Programming software supports Win 98/ME and Mac OS 8.5+.	271.82	299.00
Input Devi	ce - Miscellaneous		
9175-12	Cheque Reader - SCANTEAM 8300 P/s 2 Cab	80.91	89.00
8974-12	Cheque Reader - SCANTEAM 8300 Series P/ The Scanteam 8300 is a magnetic cheque reader that can adapt to a variety of applications, enabling retail and financial transactions to reduce fraud, increase clerk efficiency, as well as enhance customer service.	817.27	899.00
	This Scanteam can also read barcode and magnetic stripe information and can be configured with up to two RS-232 ports for peripheral devices such as PIN pads, scales, or signature capture devices.		
	To program these devices Cat No. 9281 (Programming Cheques) is required.		
1008044-12	Foot Pedal 3 Key USB Connection - Progr Store multiple keystrokes or complex commands under one key. The key strokes are entered by tapping your foot.	362.73	399.00
9281-12	SCANTEAM 8300 Programming Cheques Programming cheques that are required to program Cat No. 8974 (Cheque Reader - SCANTEAM 8300 Series)	10.91	12.00
9271-12	USB 1.1 to 2 x Gameports (DB15) Use your favorite game controller, joy stick, etc through your USB port. No need for your old game port (usually on soundcard)	44.55	49.00
9152-12	USB 1.1 to Gameport (DB15) Use your favorite game controller, joy stick, etc through your USB port. No need for your old game port (usually on soundcard)	44.55	49.00
2933-12	USB Christmas Tree USB Christmas Tree Multi-Coloured LED	13.64	15.00
2934-12	USB Musical Santa Musical USB Santa	22.73	25.00
2932-12	USB Snowman USB Snowman Multi-Coloured LED	13.64	15.00
1008196-12	X-keys Matrix Boards Using the same proven hardware as the X-keys programmable keyboards, the X-keys Matrix Boards connect to the computer through a standard PS/2 or USB port.	135.45	149.00
Input Devi	ce - Mouses		
9263-12	Cordless Optical Mouse - No Batteries R A Battery Free Wireless Optical Mouse which is absolutely interference-free from wireless frequency. The RFID Mouse Pad is directly power activated and creates cost saving. Min requirements are Windows ME/2000/XP/2003. USB Port.	44.55	49.00
1008033-12	Logitech Cordless Presenter When giving presentations, now you can focus on connecting with your audience, not with your computer. You won't have to stand next to your computer or give hand signals to a partner when you need to change slides. And it doubles as a laser pointer and a two-button optical mouse, making it the only device you need to take on the road. Bluetooth wireless technology for reliable range of 30 feet. (10 meters).	344.55	379.00
8834-12	Mouse 2 button Scroll PS/2 OEM	14.73	16.20
8852-12	Mouse 2 button Serial	14.09	15.50
8850-12	Mouse Cordless RF Wheel Mouse A4-Tech An RF mouse gives you easy, cordless, scrolling without the infra-red line of sight hassles.	62.73	69.00
9256-12	Mouse Labtec Wireless Optical Mini The Mini Wireless Optical Mouse combines advanced optical sensor technology, cordless convenience, and a unique design to deliver the ultimate travel mouse.	44.55	49.00

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Input Devic	ce - Mouses		
1008087-12	Mouse Logitech Marble (Trackball) USB/P Logitech marble mouse fits right and left hands like a mouse and works with the convenience of a trackball. Metallic silver finish.	62.73	69.00
8964-12	Mouse Microsoft RF Intelli Explorer Inf The latest Microsoft mouse, uses infrared detection instead of a ball and also does away with the cord by using an rf link. The receiver connects to the PC via a USB connection.	117.27	129.00
9269-12	Mouse MS Intellimouse Cordless Optical This is the Microsoft IntelliMouse. It uses a new technology which avoids the need for a mouse pad as there is no ball to gather dust. The smooth and continuously scrolling wheel provides better micropositioning than standard gear type scrolling wheels.	90.00	99.00
8680-12	Mouse Optical 2 Button with Scroll Whee	30.00	33.00
9257-12	Mouse Optical Ultra Mini Retractable Co Small, compact, light and includes a retractable USB cord. 76x35x23mm	47.27	52.00
8784-12	Mouse with Scroll Wheel and No Ball This is an innovative new mouse which is compatible with the Microsoft IntelliMouse. It uses a new technology which avoids the need for a mouse pad as there is no ball to gather dust. It will even work on glass. A RISC 8 bit 12MHz CPU module decodes the movement to provide a resolution of 625 dpi. The smooth and continuously scrolling wheel provides better micro-positioning than standard gear type scrolling wheels.	17.27	19.00
Input Devic	ce - Smart Card		
8901-12	Smart Card / Mag Card Reader - OEM Modu Uses a ddm 862 hybrid card acceptor which has one push-pull magnetic card reader and one chip card connector. Has 3 SAM card connectors using ddm 840-02 connector. Chip Card connector can accept ISO7816 T=0 and T=1 asynchronous smart card and EuroChip 1 or EuroChip II synchronous memory card.	832.73	916.00
8981-12	Smart Card Reader/Writer - USB The Smart Card reader/writer is PC/SC version 1.0 complient. The package includes API Library, Demo Program and Demo Source code and is suitable for applications in security control, loyalty programs, EDI, Kiosks, PKI and eCommerce etc. It connects to the PC via a USB port. The card connector is of the Push-Pull landing type and has a rated life of 200,000 insertion cycles.	126.36	139.00
Input Devic	ce - Time Recorders		
1008110-12	RFID Card & Tag Encoder Just pass an RFID card or tag within 100mm to 200mm of the reader and it will read the embedded number. Can be used with standard read only ISO cards, with random ID number or tags. Waterproof potted construction makes it suitable for indoor or outdoor use. It has an RS232 interface to allow connection to a PC and measures only 110H x 80W x 19D.	1635.45	1799.00
8669-12	Time Recorder w Integrated Magnetic Car These are stand alone Time Recorder units have a RS232 (RS485 optional) serial interface to a PC and have a built in magnetic card reader. The time recorder has an onboard memory with database capacity of 8200 records and a Real-Time-Clock (RTC). The magnetic card reader reads Track 2. Uploading to a PC is accomplished with the included Windows based software.	862.73	949.00
Input Devic	ce - Trackballs		
1008007-12	Mouse MS Trackball Optical Win32 PS2/US Trackball with ItelliEye Optical Technology. For PC or Mac. By combining an IntelliEye optical sensor and an advanced ball design. The IntelliEye optical sensor tracks the movement of the ball 1,500 times per second to give you unbelievably smooth precise control.	99.09	109.00
1008152-12	Trackball 2 wheel 4D Serial/PS2 Combo One wheel allows you to scroll up and down, the other allows you to scroll left and right. The dual wheel is for scrolling and zooming. ScrollTrack is designed to support the angle of your hand and wrist. Place your hand on the ScrollTrack and you'll find your thumb easily in reach of the button. Mouse dimensions: 118mm (L) x 94.2mm (W) x 46.4mm (H)	53.64	59.00
8054-12	Trackball USB This advanced 4D Dual Wheel Mouse Scrolltrack with Top-Mounted Tracking Ball allows you to use the dual wheel to scroll in Windows 3.1/95/98/NT/2000/XP and zoom in Office 97. It has 100% Microsoft wheel functionality and superior performance and comfort control with a programmable middle button.	44.55	49.00

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Interface	Cards - Combination Cards		
2794-12	Serial/Parallel 2S(16650)/1P EPP/ECP IS A serial/parallel card where each serial port is configurable as COM1 to COM8 on IRQs 3 to 15. The LPT port is ECP/EPP/SPP/PS/2 compatible and can be configured as LPT1 to LPT 6 and can also be set on IRQ 3 to 15. Both serial ports are fitted with 32 Byte FIFO compatible with the 16C650 with clock speeds of 1.8432 - 7.372MHz. Each serial and parallel port can be disabled separately.	146.36	161.0
2255-12	Serial/Parallel Card 2S/1P 16550 Hi IRQ A serial/parallel card where each serial port is configurable as COM1 to COM8 on IRQs 3 to 15. The LPT port is bi-directional and can be configured as LPT1 to LPT 6 and can also be set on IRQ 3 to 15. Both serial ports are fitted with 16 Byte FIFO compatible with the 16C550. Each serial and parallel port can be disabled separately.	101.82	112.0
2620-12	Serial/Parallel Card 2S/1P PnP PCI Includes two serial ports and one bi-directional printer port on the PCI BUS. Installation is simple with the Plug n Play BIOS support. Operating system support includes DOS, Win95 and WinNT.	118.18	130.0
2842-12	Serial/Parallel Card 2S/1P PnP PCI Low Includes two serial ports and one ECP/EPP/SPP/BPP port on the PCI BUS. Installation is simple with the Plug n Play BIOS support. Operating system support includes DOS, Win9x ME and WinNT/2000. DB44M to 2xDB9F & 1x DB25F cable included.	108.18	119.0
2274-12	Serial/Parallel Card 2S/2P 16550 Hi IRQ Combination cards where serial ports are configurable as COM 1-4 with each port capable of being set to IRQ3, 4, 5, 7, 9, 10, 11, 12, 14 or 15. They also contain addresses 2A0, 2A8, 180 and 188 for SCO UNIX, XENIX on IRQs 3 to 15. The parallel ports may be jumpered as LPT1-2, 2-3 or 1-3 on IRQs 5, 7, 9, 11 or 12. Serial ports have DB9 connectors. Parallel ports can be disabled	89.09	98.0
2298-12	Serial/Parallel Card 4S/3P 16550 Hi IRQ These combination cards allow each serial port to be configurable as COM1 to 4 on IRQs 3 to 15. All serial ports have 16C550 compatible UARTs. The LPT ports can be configured as LPT1, LPT2 or LPT3 and can also be set on IRQ 3 to 15. They are jumper selectable as standard port or bi-directional.	209.09	230.0
Interface	Cards - Display Cards		
3545-12	Low Profile Backplane to suit FX5200/MX	16.36	18.00
3520-12	VGA AGP GeForce4 64MB MX440 Video Card	62.73	69.00
3557-12	VGA AGP Lead-Tek FX6800 256MB Ultra Vid	1080.91	1189.0
3503-12	VGA AGP Matrox Parhelia 512 OEM	908.18	999.0
3568-12	VGA AGP MX4000 Video Card 8xAGP TVOUT	80.91	89.0
2223-12	VGA ISA 1024x768 16 bit 1MB TR8900D ISA VGA 16 bit TR8900D graphics card with super-high resolution, 256-colour capability, fast screen redraw and compatibility with most software and hardware. It is compatible with Multi-Sync and PS/2 monitors and features 1024 x 768 70Hz refresh.	66.36	73.0
3548-12	VGA PCI FX5200 128MB Video Card TV Out This card comes with 2 backplanes, full height and low profile.	126.36	139.0
3474-12	VGA PCI SIS 32MB Video Card	68.18	75.0
3566-12	Video Card Nvidia PCIEx 6200TC 256Mb DV XpertVision GF 6200TC (TurboCache) 256MB 64bit (Local Memory: 128MB 64bit) DDR, The Additional Local Memory provides Better Performance, PCI-Express interface, I/O connections include: DVI, TV Out, HDTV support, supports DirectX 9.0 and OpenGL 1.5; NVIDIA technologies include: CineFX 3.0, UltraShadow II, Intellisample 3.0, nView, Digital Vibrance. Nvidia TurboCache technology shares the bandwidth and capacity of dedicated video memory and dynamically available system memory for turbocharged performance and larger graphics memory. For full 256MB support, 512MB system memory required.	135.45	149.00
Interface	Cards - FireWire		
2823-12	FireWire and USB 1.1 Combo Card Our combination card provides 3 external FireWire IEEE 1394 (with one of them re-routed to internal) connectors plus a FireWire IEEE 1394 connection mounted for an internal device. Also there are two external USB connectors. The USB ports are V1.1 compliant. Includes Video Studio SE V4.0, this can be upgraded at time of purchase to Media Studio 6.0 VE, using Cat No 70406.	117.27	129.00
2877-12	FireWire and USB 2.0 Combo Card A 4-port USB 2.0 & 3-port FireWire combination card suitable for PCs. It has three USB & two FireWire external connectors and one USB and one FireWire internal connectors. The USB ports	153.64	169.00

for Windows 98 SE, ME, Windows 2000, XPare included.

support USB 1.1 and USB 2.0 devices and are ECHCI compliant - 480Mbps USB 2.0 as well as OHCI compliant - 12Mbps USB 1.1. The FireWire ports are OHCI 400Mbps compliant. Both the USB and FireWire ports auto select the appropriate speed and auto-sense USB 2.0/1.1 devices. USB 2.0 drivers

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2997-12	FireWire Card PCI 3 + 1 ports 1394B/A	90.00	99.00
	The 1394B standard is a high-speed serial bus designed to deliver high data transfer speeds at a low cost, and with a low degree of latency required by a peripheral bus or by a backup to a traditional parallel bus. The card is compatible with 32 and 64 bit PCI BUS. The card has two external 1394B ports, and two legacy 1394A ports, one internal and one external. The card is compatible with Windows 98SE, ME, 2K, XP and Mac OS.		
2998-12	FireWire Card PCI 3 ports 1394B/A 64bBc Suitable for 32 bit and 64 bit PCI BUS (64bBc - bit BUS compatible). Has 2 x 9 pin 1394B and one 6 pin 1394A connectors on the back plane.	90.00	99.00
2621-12	FireWire Card with Video Studio SE Connect your digital video camera to your PC. Our Firewire card allows IEEE 1394 FireWire devices (most digital camcorders available today) to connect to your PC at speeds up to 400Mbps. A maximum of 63 FireWire devices can be connected together in a similar manner to USB devices. The card has three external and one internal connectors to allow connections to hard drives, scanners, VCRs, HDTV, printers etc. Editing your videos is simplified with the bundled Ulead Video Studio V7.0 SE software. Win98 and Win	71.82	79.00
	2000 drivers are also included, (not Win NT). A 6 pin to 4 pin 2m cable completes the package. Microsoft has chosen FireWire, in lieu of USB 2.0, as the standard interface for Windows XP.		

Interface Cards - Floppy Controllers

2878-12	SCSI Ultra 2 Wide PCI Controller	335.45	369.00
	68 pin 160Mb "TEKRAM"		

Interface Cards - Hard Drive Controllers

2902-12	DynaBacker RAID Rack Two hard 2.5inch drives in separate cartridges for realtime backup. The assembly fits into one 5.25inch	453.64	499.00
	bay. An USB 2.0 module (Cat No 2903) allows the cartridges to be taken to another computer and accessed via a USB port. Ideal for taking your office backup home. Excludes the drives.		
2903-12	DynaBacker USB 2.0 Adapter Allows a cartridge from Cat No 2902 to be connected to another computer via a USB port.	153.64	169.00
2812-12	HDD Cont IDE Raid Cont - Spare Frame	96.36	106.00
2564-12	HDD Cont ISA BIOS Card to Invoke LBA If your mother board BIOS does not support LBA (Logical Block Addressing) or hard drive capacities greater than 528MB to 8GB. This BIOS card will set up the mother board BIOS correctly to overcome these limitations by simply plugging it in and turning on your computer.	58.18	64.00
2055-12	HDD Cont ISA IDE 2HDD/FDD 2 16550S 1P&G A versatile interface card that supports 2 FDD, 2 HDD As well as 2 16550 compatible serial ports, 1 ECP/EPP printer port and 1 games port.	53.64	59.00
2588-12	HDD Cont ISA IDE 4HDD2 16550 1P/1G BIOS This enhanced IDE card with multi I/O supports 4 IDE drives with capacities greater than 528MB even if the motherboard BIOS doesn't accomodate Logical Block Addressing. It is ATAPI compatible and supports two floppy drives, two 16550 serial ports, one SPP/EPP/ECP parallel port and one game port. Software drivers are not needed for DOS, Windows, Windows 95/NT, OS/2, SCO Unix etc.	157.27	173.00
2565-12	HDD Cont ISA IDE 4HDD2FDD Mode3 BIOS Cd This Controller BIOS card will set up the mother board BIOS correctly in LBA mode to overcome the 528 MB limitation by simply installing the controller and turning on your computer. Provides support for four drives each with a capacity up to 8.4GB and data transfer rate of 8.33 Mb/sec.	130.91	144.00
2585-12	HDD Cont ISA SCSI-II FAST 16 Bit A low cost 16 Bit SCSI-II FAST controller with a data transfer rate of 10 MB/s. It is fully compatible with the Adaptec-1520/22 and will connect up to 6 SCSI devices. Software drivers are included for DOS and Windows, while it is natively supported by Windows 95, Windows NT, SCO Unix R3.2.4 and later, Novell Netware 4.x and later and OS/2 V2x, Warp and later. It has an external DB25 female plug.	92.73	102.00
2906-12	HDD Cont PCI 4 Channel SATA Rocket RAID Transfer rates of up to 1.5Gb/s are possible with this PCI interface card. It supports 4 SATA drives for video and audio editing, database servers and high performance computing. Can be configured for RAID 0, 1, 5, 10 and JBOD.	226.36	249.00
2905-12	HDD Cont PCI 8 Channel SATA Rocket RAID Sustained transfer rates of 450MB/s are possible with this 64 bit PCI interface card. (also works in a 32 bit slot). It supports 8 SATA drives for video and audio editing, database servers and high performance	590.00	649.00

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Can be configured for RAID 0, 1, 5, 10 and JBOD.

Supports Win 9x/ME/NT/2000/XP.

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Interface	Cards -	Hard Drive	Controllers

2886-12	HDD Cont PCI IDE RAID Ultra DMA 133 Std	90.00	99.00
	This combined standard and RAID controller has dual Ultra DMA133 IDE channels designed to provide data security and performance. It supports RAID 0, 1 and 10 and is suitable for use with Windows 95/98, NT, 2000 & XP. Includes Std and Low Profile back plane brackets.		
2708-12	HDD Cont PCI SCSI Adaptec MIO-29160 Ult Single channel card. Connects SCSI hard drives and other SCSI hard drives, internally and externally. 64-bit PCI (32-bit compatible). One 68pin internal connection for LVD SCSI, one 68pin for Ultra Wide SCSI and one 50pin for Ultra SCSI. Will handle up to 15 devices. Windows NT 4.0, 95, 98, 2000. adaptec EZ-SCSI software and supported operating system drivers.	544.55	599.00
2694-12	HDD Cont PCI SCSI Ultra2 DUAL A high performance PCI Dual Ultra2 SCSI-3 adapter with data transfer rate up to 80 MB/s It features PCI Bus support for both 32 and 64 Bit.	390.00	429.00
2584-12	HDD Cont PCI SCSI-II FAST A SCSI-II FAST PCI controller with a data transfer rate of 10 Mb/s. It is fully PCI DMA Bus Master and Plug & Play compliant and will connect up to 7 SCSI devices. SYMBIOS SDMS (SCSI Device Management System) software is bundled with the card. It supports DOS and Windows, Windows 95, Windows NT, SCO Unix, Interactive UNIX, NeXTSTEP, UnixWare, Novell Netware, OS/2 etc. It has an external HD50 female socket in addition to the internal IDC50 male header.	135.45	149.00
2586-12	HDD Cont PCI SCSI-II Ultra FAST-20 A SCSI-II Ultra FAST-20 PCI controller with a data transfer rate of 20 MB/s. HD 50 on back plane	108.18	119.00
2874-12	HDD Controller IDE Raid & Hot Swap Fram The RAID frame includes the controller and two removable frames which accept two IDE drives. The controller provides RAID Level 1 (disk mirroring) and supports hot swappable drives and auto-rebuild in the event a new drive is installed, without user intervention. (Can also be used as an on-line hard drive copier) The frame fits into two 5.25" bays. EIDE, ATA-100, Ultra DMA 66/33 or PIO 4 hard drives are supported. The complete assembly is operating system independant and appears as a standard IDE drive to the hdd controller.	708.18	779.00

Interface Cards - Miscellaneous Cards

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Powered by the latest 2.4GHz Frequency Hopping technology, this controller has been designed with every feature that a gamer would demand. Equipped with pressure-sensitive buttons, gamers will be able to enjoy accurate & responsive game movements with every single touch. In addition, the built-in vibration feedback motors stimulate real-life crashes and explosions, bringing the gaming sensation closer to you.

Interface Cards - Parallel Cards

2337-12	1 Port EPP Parallel DB25 PCMCIA High speed parallel adapter conforming to IEEE 1284 EPP standards with a DB-25 connector. Certified for Windows 95/98/2000/NT/XP. Support for HP palmtops upon request. Low power consumption to maximise battery life.	362.73	399.00
2923-12	Converter 12V IDE to 2 x Serial ATA Converts the common IDE power connector to the new Serial ATA type. (Same Voltage)	10.00	11.00
2899-12	Converter 12V IDE to Serial ATA Converts the common IDE power connector to the new Serial ATA type. (Same Voltage)	9.05	9.95
2891-12	Converter IDE Drive to Serial ATA - Hor Plugs directly into a standard IDE hard drive to provide a serial ATA interface. This model protrudes approx 40mm directly out from the back of the drive in a horizontal plane. (does not obscure the rear of the drive). Supports UDMA transfer rates of 66,100,133 and 150Mbps. (33Mbps is not supported). Suitable for use with ATAPI devices, CD ROMs, CD-R/RW etc. Includes one SATA cable and power adapter cable. No software necessary (OS support is provided by the SATA motherboard interface).	71.82	79.00
2892-12	Converter IDE Drive to Serial ATA - Ver Plugs directly into a standard IDE hard drive to provide a serial ATA interface. This model plugs into the IDE connector and extends the length of the drive by the thickness of the PCB and the SATA connector. The PCB is in the vertical plane. A cutout in the PCB provides access to the drive power connector and jumpers of most current drives. Supports UDMA transfer rates of 66,100,133 and 150Mbps. (33Mbps is not supported). Suitable for use with ATAPI devices, CD ROMs, CD-R/RW etc. Includes one SATA cable and power adapter cable. No software necessary (OS support is provided by the SATA motherboard interface).	71.82	79.00
2893-12	Converter Mother Board IDE to Serial AT This converter provides two serial ATA connectors from an IDE motherboard connector. Jumpers are	53.64	59.00

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 $provided\ to\ select\ master\ -\ Slave.\ \ It\ protrudes\ vertically\ from\ the\ mother board.$ Supports UDMA transfer rates of 66,100,133 and 150Mbps. (33Mbps is not supported). Includes one power adapter cable. Supported by Windows 98/ME/NT4.0/4000/XP

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Interface (Cards - Parallel Cards		
2890-12	HDD Cont PCI IDE SATA Card One Ext One New hard drives will be even faster with a Serial ATA interface. This PCI interface card allows you to fit one external and one internal serial ATA drive to mother boards that only have onboard IDE interfaces. Co-resides with existing onboard IDE devices. Includes one SATA cable. Support is provided for Win 98SE/ME/NT4.0/2000/XP.	90.00	99.00
2872-12	HDD Cont PCI SATA Card Two Int Connecto New hard drives will be even faster with a Serial ATA interface. This PCI interface card allows you to fit two internal serial ATA drives to mother boards that only have onboard IDE interfaces. Co-resides with existing onboard IDE devices. Includes one SATA cable. Power cable Cat No 2923, is not included. Support is provided for Win 98SE/ME/NT4.0/2000/XP & Linux. H/drives over 137Mb included	90.00	99.00
2314-12	Printer Card 1 P LPT1-7 IRQ3-15 Bi-Dir This bi-directional parallel port with an 32 byte FIFO buffer can be configured to LPT1(3BC), LPT2(378), LPT3(278), LPT4(368), LPT5(268), LPT6(358)or LPT7(258) and can also be set on interrupts 3 through to 15 (jumperable).	46.36	51.00
2840-12	Printer Card 1 Port ECP/EPP/SPP PCI Low A Low Profile ECP/EPP/SPP printer card using the PCI BUS. Installation is simple with its Plug n Play BIOS support. It is able to replace faulty mother board printer ports as LPT1/2. Operating system support includes DOS, Win9x ME and WinNT/2000/XP. Cable DB44M to DB25F included.	85.45	94.00
2687-12	Printer Card 1 Port ECP/EPP/SPP PnP PCI An ECP/EPP/SPP printer card using the PCI BUS. Installation is simple with its Plug n Play BIOS support. It is able to replace faulty mother board printer ports as LPTI/2. Operating system support includes DOS, Win95/98, NT 2000 and XP.	80.91	89.00
2724-12	Printer Card 1 Port ECP/EPP/SPP PnP PCI An ECP/EPP/SPP printer card using the PCI BUS. It will operate on 3.3V or 5V. Installation is simple with its Plug n Play BIOS support. It is able to replace faulty mother board printer ports as LPT1/2. Operating system support includes DOS, Win95/98/ME, NT, 2000,2003, XP and Linux.	80.91	89.00
2235-12	Printer Card 1 Port LPT1-7 ECP/EPP ISA Add the speed of an ECP/EPP parallel port to your computer. It contains all the necessary input/output signals to be configured as a Centronics printer port SPP, an ECP (compatible with IEEE1284 standard) or an EPP (compatible with EPP version 1.9 and 1.7) smart printer port. The ISA card can be configured as LPT1-7 with addresses 3BC, 378, 278, 368, 268, 358, 258 plus it provides 7 DMA settings for ECP mode. It supports ten IRQs 3, 4, 5, 7, 9, 10, 11, 12, 14 & 15. Data transfer rates up to 1MB/sec are possible compared to 180kB/sec with a Standard Parallel Port. Win 98 incl	74.55	82.00
2618-12	Printer Card 1 Port PnP PCI A bi-directional printer card with an 32 byte FIFO using the PCI BUS. Installation is simple with its Plug n Play BIOS support. It is able to replace faulty mother board printer ports as LPT1/2 or LPT2/3. Operating system support includes DOS, Win95 and WinNT(NT4 and Win 2000 on our file server).	62.73	69.00
2315-12	Printer Card 2 P LPT1-7 IRQ3-15 Bi-Dir A bi-directional parallel port with an 32 byte FIFO buffer that can be configured to LPT1(3BC), LPT2(378), LPT3(278), LPT4(368), LPT5(268),LPT6(358) or LPT7(258) and set on interrupts 3 through to 15.	60.00	66.00
2841-12	Printer Card 2 Port ECP/EPP/SPP PCI Low A Low Profile ECP/EPP/SPP printer card using the PCI BUS. Installation is simple with its Plug n Play BIOS support. It is able to replace faulty mother board printer ports as LPT1/2. Operating system support includes DOS, Win95/98 ME and WinNT/2000. DB44M to 2xDB25F cable included.	111.82	123.00
2688-12	Printer Card 2 Port ECP/EPP/SPP PnP PCI An ECP/EPP/SPP printer card using the PCI BUS. Installation is simple with its Plug n Play BIOS support. It is able to replace faulty mother board printer ports as LPTI/2 as well as providing additional printer ports. Operating system support includes DOS, Win95/98 and WinNT.	117.27	129.00
2236-12	Printer Card 2 Port LPT1-7 ECP/EPP ISA This card is high in both quality and versatility, where each port has 7 selectable I/O addresses (26C,27C,258,268,278,378,3BC) and 10 selectable IRQs (IRQ3-IRQ15), plus 2 selectable DMA channels (1 & 3). You can also the select printer modes for each port between SPP(Bi-directional standard printer port) EPP(compatible with EPP version 1.9 and 1.7) and ECP (compatible with IEEE1284 standard).	73.64	81.00
2619-12	Printer Card 2 Port PnP Bi-Dir PCI A bi-directional printer card with an 32 byte FIFO using the PCI BUS. Installation is simple with its Plug n Play BIOS support. It is able to replace faulty mother board printer ports as LPT1/2 or LPT2/3. Operating system support includes DOS, Win95 and WinNT.	99.09	109.00
2316-12	Printer Card 3 P LPT1-7 IRQ3-15 Bi-Dir A bi-directional parallel port with an 32 byte FIFO buffer that can be configured to LPT1(3BC), LPT2(378), LPT3(278), LPT4(368), LPT5(268), LPT6(358) or LPT7(258) and set on interrupts 3 through to 15.	88.18	97.00

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Interface	Cards - Serial Cards		
2324-12	1 Port RS232 16550 COM1-4 PCMCIA High speed serial adapter based on the 16550 UART chip capable of up to 115.8k baud with a DB-9 connector. Certified for Windows 95/98 and Windows CE and Windows NT compatible. Supports Apple Powerbook, Apple Newtown, Sharp Zaurus and HP palmtops. Low power consumption to maximise battery life.	271.82	299.00
2297-12	1 Port RS232 16550 ISA COM1-8 IRQ3 to 1 These serial cards provide Interrupts 3, 4, 5, 7, 9, 10, 11, 12 and 15 in conjunction with A 16550 UART as well as the flexability of being configurable as COM1 - 8. One DB9 connector on the backplane.	62.73	69.00
2616-12	1 Port RS232 16550 PnP PCI A 32 bit PCI based serial card that uses the 16550 UART with a 16 bit FIFO and a baud rate up to 921.6 KBs. It is very easy to setup with its Plug n Play BIOS support. It can replace faulty on board serial ports as COM1/2 (can auto sellect next COM port and IRQ). Support is provided for DOS, Win3.1/9x/2000/NT and Linux.	72.73	80.00
2850-12	1 Port RS232 16750 PnP PCI ReMap DOS I/ A versatile low profile (as required by new Gateway etc computers) PCI serial card that can have the I/O ports re-mapped to 3F8, 2F8, 3E8, 2E8, a feat not possible with many PnP PCI serial cards. It solves the problem of software that will only work at these addresses when operating under DOS or Windows 3.1/95/98. In addition it has a 16750 UART with a 64byte FIFO buffer as opposed to our standard cards which have 16550 UARTs with a 16 byte FIFO buffer. They will operate at a baud rate up to 921.6 KBs.	99.09	109.00
2921-12	Operating system support is provided for DOS, Win3.1/9x/2000/NT and Linux. 1 Port RS232 16750 PnP PCI ReMap to DOS A versatile PCI serial card that can have the I/O ports re-mapped to 3F8, 2F8, 3E8, 2E8, a feat not possible with many PnP PCI serial cards. It solves the problem of software that will only work at these addresses when operating under DOS or Windows 3.1/95/98. In addition it has a 16750 UART with a 64byte FIFO buffer as opposed to our standard cards which have 16550 UARTs with a 16 byte FIFO buffer. They will operate at a baud rate up to 921.6 KBs. Operating system support is provided for DOS, Win3.1/9x/2000/NT and Linux.	95.45	105.00
2825-12	1 Port RS232 16750 PnP PCI ReMap to DOS A versatile PCI serial card that can have the I/O ports re-mapped to 3F8, 2F8, 3E8, 2E8, a feat not possible with many PnP PCI serial cards. It solves the problem of software that will only work at these addresses when operating under DOS or Windows 3.1/95/98. In addition it has a 16750 UART with a 64byte FIFO buffer as opposed to our standard cards which have 16550 UARTs with a 16 byte FIFO buffer. They will operate at a baud rate up to 921.6 KBs. Operating system support is provided for DOS, Win3.1/9x/2000/NT and Linux.	95.45	105.00
2239-12	2 Port RS232 16550 ISA COM1-8 IRQ3 to 1 While providing Interrupts 3, 4, 5, 7, 9, 10, 11, 12 and 15 in conjunction with two 16550 UARTS, this card also has the flexability of being configurable as COM1, 2, 3, 4, 5, 6, 7, or 8. Two DB9 connectors are provided.	80.91	89.00
2722-12	2 Port RS232 16550 PCCard Add two high-speed RS-232 ports to your mobile computer with our Dual Serial I/O Card. Drivers for Win XP and 2000 only. Please note that there are compatibility problem with some Notebooks, including Compaq Evo 6, Packard Bell 3.06, Pearl Celeron 1.2. The alternative (more expensive) product is Cat No 2324	244.55	269.00
2617-12	2 Port RS232 16550 PnP PCI A two port version of the PCI based serial card Cat No 2616. This card is supplied with 2 X DB9 ports and operating system support is provided for DOS, Win3.1/9x/2000/NT and Linux. Can be configured as COM 3/4.	80.91	89.00
2870-12	2 Port RS232 16550 PnP PCI 3.3 Volt 64b A two port PCI Ver 2.2 serial card for 3.3 Volt systems ie it is 64 bit BUS compatible. This card is supplied with 2 X DB9 ports and operating system support is provided for DOS, Win3.1/9x/2000/NT/XP and Linux. Can be configured as COM 3/4.	135.45	149.00
2838-12	2 Port RS232 16550 PnP PCI Low Profile A Low Profile 32 bit PCI based serial card that uses the 16550 UARTs with a 16 bit FIFO and a baud rate up to 921.6 KBs. It is very easy to setup with its Plug n Play BIOS support. It can replace faulty on board serial ports as COM1/2. Support is provided for DOS, Win9x ME and Win NT/2000,XP & Linux. DB44M to 2xDB9M cable included.	90.00	99.00
2826-12	2 Port RS232 16750 PnP PCI ReMap to DOS A versatile 2 port PCI serial card that can have the I/O ports re-mapped to 3F8, 2F8, 3E8, 2E8, a feat not possible with many PnP PCI serial cards. It solves the problem of software that will only work at these addresses when operating under DOS or Windows 3.1/95/98,NT/2000/Linux In addition it has a 16750 UARTs with 64byte FIFO buffers as opposed to our standard cards which	117.27	129.00

have 16550 UARTs with a 16 byte FIFO buffers. They will operate at a baud rate up to 921.6 KBs.

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2659 12	2 Port PS232//32//85/Currentl con Octo I	409.09	450.00
2658-12	2 Port RS232/422/485/CurrentLoop Opto I These 16 bit serial cards contain two optically isolated RS232/422/485/Current Loop ports with 2500V isolation and 1500V surge protection. The baud rate is programmable up to 57.6k. The ports are configurable from COM 1 to 256 and IRQ3 to 15 and they are jumper selectable as full duplex or half duplex. The current loop can use the onboard or an external current source. Overlay map I/O addressing is also supported (Multiple ports can be mapped to the same I/O address). Drivers are provided for DOS & Win3.1.	409.09	450.00
2053-12	2 Port RS422 16550 ISA Serial This 8 bit card will operate at up to 56K Baud at a maximum distance of 1200m. It is supplied with 2-DB25 Male Connectors (via DB37 cable from backplane) and is also configurable as COM 1 & 2 or COM 3 & 4 on interrupts IRQ2, 3, 4, 5, 6 or 7.	200.91	221.00
2800-12	2 Port RS422 PnP PCI DB9 The PCCOM PCI bus two port adapter is a 32 bit PCI bus board with Plug and Play features. It provides two asynchronous RS422 serial communication ports (9-pin male), which link the computer and serial peripheral devices such as terminals, modems, serial printers, plotters, etc. Each 16550 port contains 16 bytes FIFO buffer and can be set at normal speed mode (baud rate up to 115200) or high-speed mode (baud rate up to 460K). More details, drivers and support at www.pccompci.com	244.55	269.00
2996-12	2 Port RS422 PnP PCI Opto Isolated The PCCOM PCI bus two port adapter is a 32 bit PCI bus board with Plug and Play features. It provides two asynchronous RS422 serial communication ports (9-pin male) with Opto Isolation. Each 16550 port contains 16 bytes FIFO buffer and can be set at normal speed mode (baud rate up to 115200) or high-speed mode (baud rate up to 460K). More details, drivers and support at www.pccompci.com	308.18	339.00
2999-12	2 Port RS422/485 Cardbus Add two RS-422/485 ports to your mobile computer with our Dual Serial I/O Card.	453.64	499.00
2991-12	2 Port RS422/485 COM1-4 PCMCIA Add two RS-422/485 ports to your mobile computer with Socket's Dual Serial I/O Card. The card features simultaneous and independent operation of both ports while requiring only one interrupt, making it ideal for applications such as data collection or equipment monitoring and control. Separate cables gives you the flexibility to use only one port without leaving a cable dangle from the unused port.	544.55	599.00
2926-12	2 Port RS422/485 PCI Surge/Opto Isolate This two port PCI card supports both RS422 or RS485 protocols. It has 16C650 compatible UARTS and operate on both 3.3-volt 64-bit PCI, PCI-X slots and 5-volt 32-bit PCI slots in accordance with the PCI Ver2.2 specification. The cards also have Microsoft WHQL approval. They are designed for industrial applications and feature 2.5KV isolation and 600W surge protection.	335.45	369.00
2673-12	2 Port RS422/485 PnP PCI DB9 This Plug and Play (PnP) PCI card with RS-422/485 serial interface provides two external 25-pin D-SUB male connectors for attaching peripherals. The RS422/485 adapter provides the PCs with a longer and more reliable communication.	262.73	289.00
2912-12	2 Port RS422/485 PnP PCI Opto Isolated The PCCOM PCI bus two port adapter is a 32 bit PCI bus board with Plug and Play features. It provides two asynchronous RS422 or 485 serial communication ports which are jumper selectable. Each 16550 port contains 16 bytes FIFO buffer and can be set at normal speed mode (baud rate up to 115200) or high-speed mode (baud rate up to 460K). Isolation is rated at 2500V rms. It has two DB9 connectors. More details, drivers and support at www.pccompci.com	299.09	329.00
2822-12	2 Port RS485 PnP PCI The PCCOM PCI bus two port adapter is a 32 bit PCI bus board with Plug and Play features. It provides two asynchronous RS485 serial communication ports (9-pin male), which link the computer and serial peripheral devices such as terminals, modems, serial printers, plotters, etc. Each 16550 port contains 16 bytes FIFO buffer and can be set at normal speed mode (baud rate up to 115200) or high-speed mode (baud rate up to 460K). More details, drivers and support at www.pccompci.com	210.91	232.00
2077-12	4 Port RS232 16550 ISA AST FourPort/AT+ An 8 bit serial card with 4 x DB25 Male connectors on an octopus cable. Suitable for XENIX, UNIX, CC DOS, MultiUser DOS, Linux, Windows NT and OS/2, it is compatible with AST Fourport/AT Plus. It also works under Windows 95 with one interrupt for all four ports. Select the interrupt vector jumper and whilst "System" shows a clash, four modems run happily. Contains cable DB37M to 4xDB25M	215.45	237.00
2326-12	4 Port RS232 16550 ISA COM1-8 IRQ3 to 1 While providing Interrupts 3, 4, 5, 7, 9, 10, 11, 12 and 15 in conjunction with four 16550 UARTS, this card also has the flexability of being configurable as COM1, 2, 3, 4, 5, 6, 7, or 8. (will run under Win95). Contains cable DB37M to 4xDB25M	262.73	289.00
2083-12	4 Port RS232 16550 ISA COM1-lots IRQ2 t These versatile serial cards are jumper selectable to virtually any address, as well as IRQ 2, 3, 4, 5, 7, 10, 11, 12, 14 & 15. They are also IRQ Vector addressable and emulate the Digichannel PC/4. UARTs are socketed. Drivers for WIN 05 and WIN NT. Contains cable DR37M to ASDR35M.	332.73	366.00

are socketed. Drivers for WIN 95 and WIN NT. Contains cable DB37M to 4xDB25M

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	12 1222	047.07	
2723-12	4 Port RS232 16550 PnP PCI 3.3 / 5.0 Vo Universal PCI is a relatively new standard for PCI cards which can be plugged into either 3.3V or 5V slots (standard PCI is 5V only). Currently many servers come with 3.3V slots and over the next few years, 3.3V cards are likely to become the standard for all PCs. This half size card provides 4 industry standard RS232 serial COM ports in a single PCI slot. A fully moulded quad cable terminated in 9 pin male 'D' plug ensures a neat and easy connection. In a PC with 4 free PCI slots that gives 16 ports!	817.27	899.00
2674-12	4 Port RS232 16550 PnP PCI Dec The PCCOM 32-bit PCI bus 4 port adapter provides four asynchronous RS232 serial communication ports which link the computer and serial peripheral devices such as terminals, modems, serial printers, plotters,etc. IRQ and I/O address are detected by BIOS automatically, so you don't need to set switches & jumpers. The card has a 37-pin female connector on the backplane which links to the expansion cable with 4 x DB25 pin connectors. More details, drivers and support at www.pccompci.com	435.45	479.00
2839-12	4 Port RS232 16550 PnP PCI Low Profile A Low Profile 32 bit PCI based serial card that uses the 16550 UARTs with a 16 bit FIFO and a baud rate up to 921.6 KBs. It is very easy to setup with its Plug n Play BIOS support. It can replace faulty on board serial ports as COM1/2. Support is provided for DOS, Win9x ME and Win NT/2000. 4 ports DB9	368.18	405.00
2656-12	4 Port RS232 16650 PnP PCI Sx Provide 4 RS232 Serial ports with 16650 UARTs (32Byte FIFO buffer). Data transfer rate is from 50 to 921,600 Baud. It is fully Plug and Play and may only be used with a Plug and Play motherboards. The I/O address is set automatically and the IRQ is set by the motherboard, the ports share one IRQ. Drivers are provided for Win 95/98 and WinNT4.x Win 2000. An adapter cable with four DB25F connectors is included.	398.18	438.00
2205-12	4 Port RS232 Card ISA & Multiplexer Box This 4 Port serial card transmits on a 6 core telephone line to a multiplexer box which separates the signal to four standard ports. Maximum transmission distance is 500m.	590.00	649.00
2834-12	4 Port RS232 Card ISA (for Multiplexer This 4 Port serial card transmits on a 6 core telephone line to a multiplexer box which separates the signal to four standard ports. Maximum transmission distance is 500m.	294.55	324.00
2835-12	4 Port RS232 Card ISA - Multiplexer Bo This 4 Port serial card transmits on a 6 core telephone line to a multiplexer box which separates the signal to four standard ports. Maximum transmission distance is 500m.	253.64	279.00
2725-12	4 Port RS232/422/485 Opto Isolated PnP The 32-bit PCI bus 4 port adapter provides four asynchronous RS232/422/485 jumper selectable serial communication ports. It has opto isolation, rated at 2500 Volts rms. The card has a 37-pin female connector on the backplane which links to the expansion cable with 4 x DB25 pin connectors. More details, drivers and support at www.pccompci.com	540.91	595.00
2247-12	4 Port RS422 16550 8 Bit ISA The PC COM 4 port adapter provides 4 asynchronous serial communication ports(RS422) which link the computer & serial peripheral devices such as modems, serial printers, plotters, etc. The adapter may be configured with up to 4 individually addressable RS422 ports for any IBM PC/XT, PC/AT, PC/386 or hardware compatible system under MSDOS, or any other multi-user operating system such as PC- MOS/386, Concurrent DOS(DR M DOS), PICK, XENIX, UNIX, MUMPS, QNX, OS/2, etc. Interrupt selectable IRQ 2 -7.	313.64	345.00
2675-12	4 Port RS422 PnP PCI The PCCOM 32-bit PCI bus 4 port adapter provides four asynchronous RS422 serial communication ports which link the computer and serial peripheral devices such as terminals, modems, serial printers, plottersetc. IRQ and I/O address are detected by BIOS automatically, so you don't need to set switches & jumpers. The card has a 37-pin female connector on the backplane which links to the expansion cable with 4 x DB25 pin connectors. More details, drivers and support at www.pccompci.com	400.00	440.00
2910-12	4 PORT RS422/485 PCI OPTO Provides four native windows COM ports which are compatible with Windows serial communication applications. Each port is configurable as either RS422 or RS485. Includes Opto Isolation of the ports.	703.64	774.00
2927-12	4 Port RS422/485 PCI Surge/Opto Isolate This four port PCI card supports both RS422 or RS485 protocols. It has 16C650 compatible UARTS and operate on both 3.3-volt 64-bit PCI, PCI-X slots and 5-volt 32-bit PCI slots in accordance with the PCI Ver2.2 specification. The cards also have Microsoft WHQL approval. They are designed for industrial applications and feature 2.5KV isolation and 600W surge protection.	453.64	499.00
2913-12	4 Port RS422/485 PnP PCI Opto Isolated The PCCOM PCI bus 4 port adapter is a 32 bit PCI bus board with Plug and Play features. It provides two asynchronous RS422 or 485 serial communication ports which are jumper selectable. Each 16550 port contains 16 bytes FIFO buffer and can be set at normal speed mode (baud rate up to 115200) or high-speed mode (baud rate up to 460K). It has four DB25 connectors on an octopus cable. Isolation is rated at 2500V rms. More details, drivers and support at www.pccompci.com/4p232 422 485 iso ca.html	426.36	469.00

 $www.pccompci.com/4p232_422_485_iso_ca.html$

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2676-12	4 Port RS485 PnP PCI The PCCOM 32-bit PCI bus 4 port adapter provides four asynchronous RS232 serial communication ports which link the	476.36	524.00
	computer and serial peripheral devices such as terminals, modems, serial printers, plottersetc. IRQ and I/O address are detected by BIOS automatically, so you don't need to set switches and jumpers. The card has a 37-pin female connector on the backplane which links to the expansion cable with 4 x DB25 pin connectors. More details, drivers and support at www.pccompci.com		
2836-12	4/8 Port RS232 ISA & Multiplexer Box - This 4 Port serial card transmits on a 6 core telephone line to a multiplexer box which separates the signal to four standard ports. Maximum transmission distance is 500m.	153.64	169.00
2206A-12	8 Port RS232 16550 ISA - Card for Multi Operates in a manner similar to catalogue number 2205, except it supports eight channels. Part of Cat#2206.	361.82	398.00
2206B-12	8 Port RS232 16550 ISA - Multiplexer Bo Operates in a manner similar to catalogue number 2205, except it supports eight channels.	289.09	318.00
2206-12	8 Port RS232 16550 ISA and Multiplexer Operates in a manner similar to catalogue number 2205, except it supports eight channels.	726.36	799.00
2571-12	8 Port RS232 16550 ISA Exp Box w RJ45 These cards are IRQ3,4,5,7,10,11,12,15 selectable as well as vector selectable. The expansion box has 8 DB25 female connectors and 8 DB25 male to RJ45 female connectors. Includes a DB62 MM cable from card to expansion box. Suitable for Xenix/Unix, ick, MS/DOS, PC-MOS/386, Concurrent DOS, MS/Windows, OS/2, QNX, Prologue, MUMPSetc.	726.36	799.00
2641-12	8 Port RS232 16550 ISA Octopus Cables This 16 bit card is suitable for Windows, MS DOS, XENIX, UNIX and OS/2. It is complete with a DB62 to an 8 DB25 octopus cable adaptor. Device drivers for Windows V3.1, Windows 95, Windows NT and Linux are included.	579.09	637.00
2334-12	8 Port RS232 16550 ISA with Expansion B This serial card is IRQ3, 4, 5, 7, 10, 11, 12, 15 selectable, as well as interrupt vector selectable. It is complete with an expansion box with 2x4 DB25 female connectors. The UARTS are socketed. It operates with Windows 3.1/95 and Windows NT as well as UNIX/XENIX, PC MOS, Multi User DOS, Pick, and OS/2.	728.18	801.00
2213-12	8 Port RS232 Multiplexer Box (set of 2) Combining 8 serial ports onto a 4 wire twisted pair, these multiplexer boxes have the ability to transmit at 200K Baud over 500m. Currently only the 8 port version is available, however a 4 port version is expected in the near future.	662.73	729.00
2657-12	8 Port RS232 PnP PCI 32bit/64bBc Provide 8 RS232 Serial ports with 16650 UARTs (32Byte FIFO buffer). Data transfer rate is from 50 to 921,600 Baud. It is fully Plug and Play and may only be used with a Plug and Play motherboards. It has a 32 bit BUS and is 64 bit BUS compatible (bBc) and will operate on 3.3 Volts as well as 5 Volts. The I/O address is set automatically and the IRQ is set by the motherboard, the ports share one IRQ. Drivers are provided for Win 95/98 and WinNT4.x/5.x. Two adapter cables each with four DB9M connectors are included.	609.09	670.00
2678-12	8 Port RS232 PnP PCI with Expansion Box The PCCOM PCI bus 8 port adapter provides eight asynchronous serial RS232 communication ports which link the computer and serial peripheral devices such as terminals, modems, serial printers, plotters,etc. IRQ and I/O address are detected by BIOS automatically, so you don't need to set switches & jumpers. This card has a 62-pin female connector on the backplane which connects to a 62-pin male cable linking the card to an expansion box with eight DB25 pin female connections. More details, drivers and support at www.pccompci.com	690.00	759.00
2677-12	8 Port RS232 PnP PCI with Octopus Cable The PCCOM PCI bus 8 port adapter provides eight asynchronous serial RS232 communication ports which link the computer and serial peripheral devices such as terminals, modems, serial printers, plotters,etc. IRQ and I/O address are detected by BIOS automatically, so you don't need to set switches & jumpers. This card has a 62-pin female connector on the backplane and connects to octopus cables with 8 DB25 male connectors. More details, drivers and support at www.pccompci.com	609.09	670.00
2795-12	8 Port RS232 PnP w RJ12 8 way Comprises Cat #2336 8 Port RS232 PnP PCI Card, Cat #2792 DB62M to Cent 50M Cable Cat #2796 Centronics 50F to 8xRJ12 Adaptor	695.45	765.00
2610-12	8 Port RS232 RISC Stallion DB25 ISA EasyIO is the right solution for connecting a small number of serial devices to Windows NT, UNIX and NetWare servers simply and cost-effectively. Supporting data rates of up to 460 Kbps per port, EasyIO gives you all the performance you will ever need. Available as PCI and ISA bus adapters, EasyIO delivers effective server-based serial access for today's Pentium-class servers. These low cost smart cards use RISC based processors for fast throughput on UNIX systems	744.55	819.00

 $cards\ use\ RISC\ based\ processors\ for\ fast\ throughput\ on\ UNIX\ systems.$

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2994-12	8 Port RS232 RISC Stallion DB25 PCI EasyIO is the right solution for connecting a small number of serial devices to Windows NT, UNIX and NetWare servers simply and cost-effectively. Supporting data rates of up to 460 Kbps per port, EasyIO gives you all the performance you will ever need. Available as PCI and ISA bus adapters, EasyIO delivers effective server-based serial access for today's Pentium-class servers. These low cost smart cards use RISC based processors for fast throughput on UNIX systems.	817.27	899.00
2307-12	8 Port RS232 Serial Intelligent ISA And now with Win NT drivers! This intelligent serial card contains two CL-CD1400 RISC chips and is suitable for XENIX, UNIX, LINUX and MS DOS. It is ISA BUS IRQ selectable (IRQ 3 to IRQ 15), as well as supporting IRQ sharing or daisy chaining. The I/O address is selectable over a wide range with a DIP Sw. There are 12 bytes FIFO for each transmit and each receive channel.	805.45	886.00
2086-12	8 Port RS422 16550 8 Bit Octopus Cables The PC COM 8 port serial adapter provides eight asynchronous serial communications ports(RS422), which link the computer and serial devices such as modems, serial printers, plotters, etc. The adapter is particularly suited to facilitate the connection of terminals (VDU's) in multi-user operating systems. To accomodate a variety of OS, three switch banks permit maximum flexibility of configuration.	907.27	998.00
2679-12	8 Port RS422 PnP PCI Oct Cables Same as Cat. No. 2677 but with RS422 communication ports. More details, drivers and support at www.pccompci.com	632.73	696.00
2928-12	8 Port RS422/485 PCI Surge/Opto Isolate This eight port PCI card supports both RS422 or RS485 protocols. It has 16C650 compatible UARTS and operate on both 3.3-volt 64-bit PCI, PCI-X slots and 5-volt 32-bit PCI slots in accordance with the PCI Ver2.2 specification. The cards also have Microsoft WHQL approval. They are designed for industrial applications and feature 2.5KV isolation and 600W surge protection.	817.27	899.00
2680-12	8 Port RS485 PnP PCI Oct Cables Same as Cat. No. 2677 but with RS485 communication ports. More details, drivers and support at www.pccompci.com	781.82	860.00
2837-12	A3378 1 Port RS232 16550 PnP PCI Low P A Low Profile 32 bit PCI based serial card that uses the 16550 UART with a 16 bit FIFO and a baud rate up to 921.6 KBs. It is very easy to setup with its Plug n Play BIOS support. It can replace faulty on board serial ports as COM1/2. Support is provided for DOS, Win3.1/9x/2000/NT and Linux.	77.27	85.00
2721-12	HDD Cont PCI SCSI Adaptec Card ADA2906	144.55	159.00
2924-12	PCI 2 Port Velocity Ultra RS422/RS485 This half size card can run at an amazing speed of up to 15,000,000 baud. It provides 2 industry standard RS422/485 serial ports for PC compatibles in a single PCI slot. The card has on-board zener diodes giving transient spike protection to the inputs - making it ideal for factory automation installations.	508.18	559.00
2939-12	PCI 4 Port Velocity Ultra RS422/RS485 This universal PCI Velocity 4 Port RS422/485 Serial PCI Card provides four serial ports independently configurable as RS422 with and without hand-shaking, or RS485 full or half duplex. The card has onboard zener diodes giving transient spike protection to the inputs, making this card ideal for factory automation installations. The megabaud data transfer rates and the 64 byte deep FIFO, coupled with the RS485 Half Duplex Autogating guarantees uncompromising performance and fault-free use.	680.91	749.00
2726-12	PCMCIA to 2 Port RS232 Serial Adapter This PCMCIA card provides an easy way to add serial ports on your notebook computer via PCMCIA (16-bit) slots. The serial port is 16C550, 950 compatible.	244.55	269.00
Interface Car	rds - Special Purpose		
3374-12	Hard Drive Recovery Card Recover Data from your hard drive after FDISK, FORMAT or DELETE. Works with DOS, Win 3.x, Win 95 and OS/2. Even recover from Virus destruction.	26.36	29.00
Interface Car	rds - USB Cards		
2865-12	USB 2.0 Card 3 Port PCI 480 Mbps Provides 2 external and 1 internal USB 2.0 ports. Each port has a data throughput of 480Mbps. They support real time dynamic insertion and removal of up to 127 devices. A low profile model is also available (Cat No 2866).	31.82	35.00
2866-12	USB 2.0 Card 3 Port PCI 480 Mbps Low Pr Provides 2 external and 1 internal USB 2.0 ports. Each port has a data throughput of 480Mbps. They support real time dynamic insertion and removal of up to 127 devices.	53.64	59.00
2897-12	USB 2.0 Card 4 Port PCI 480 Mbps Provides 4 external USB 2.0 ports. Each port has a data throughput of 480Mbps. They support real time dynamic insertion and removal of up to 127 devices.	40.00	44.00

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Cat No	Description	Page:	49 RP
	Deport peron	Ex GST	Inc GST
Media - Di	skettes		
7660-12	3.5in. HD (1.44Mb) Coloured Disk (25) Price for Box of 25	15.45	17.00
6822-12	DVD+R Media 8.5GB Verbatim Dual Layer M	16.36	18.00
6820-12	DVD-R Media 4.7G 8x Shintaro 50 Spindle	53.64	59.00
6823-12	DVD-RW Media 4.7GB Verbatim 4x 10 Pack	26.36	29.00
6819-12	DVDR Media 4.7Gb +R 8x Shintaro 10 pack	19.09	21.00
6815-12	DVDR Media 4.7Gb -R 4x Shintaro 50 Spin	43.64	48.00
6798-12	DVDRW Media 4.7Gb -R 2x Shintaro 10 pac	26.36	29.00
Media - Po	ortable		
6831-12	External USB 2.0 Portable Media Player MicroGrams 6831 supports DivX and MP4 playback. With an internal 2.5HDD (not included) you ca store huge amounts of data, whether it be for business, school or pleasure. This unit is designed especially for storing and sharing multimedia files.		229.00
6832-12	Portable Media Player with 2.5 TFT Scre This portable media player supports MPEG and DivX files. The Built-in 2.5" LCD display has resolution of 480x234 pixels.	571.82 a	629.00
Media - Ta	ipes		
6740-12	Tape B/U C'trdge 50GB AIT II	117.27	129.00
7138-12	Tape B/U C/ridge QIC3010 TR-2 Unformate	42.50	46.75
6326-12	Tape B/U Cart Travan TR-3 1.6/3.2GB This MC3020 EXtra preformatted cartridge is Eagle96* and Eagle TR-3* drive compatible and provides 1.6GB (uncompressed) and 3.2GB (compressed 2:1).	44.55	49.00
6391-12	Tape B/U Cart Travan TR-4 4/8GB 4GB native 8GB compressed.	62.73	69.00
7658-12	Tape B/U Cartridge 20 / 80gb DLT	117.27	129.00
6291-12	Tape B/U Cartridge Cleaner QIC/Travan	46.36	51.00
7117-12	Tape B/U Cartridge DAT 2GB 90M Tape	21.27	23.40
7121-12	Tape B/U cartridge DAT 4.0GB DDS2 120m For 4-16 GB DAT tape backup unit.	63.64	70.00
7662-12	Tape B/U cartridge DAT DDS3 125M tape	16.36	18.00
7656-12	Tape B/U cartridge DAT DDS3 125M tape P	86.36	95.00
7663-12	Tape B/U Cartridge HP DDS3 24Gb/125m C5	18.09	19.90
7012-12	Tape B/U Cartridge Travan 20 TR5	61.18	67.30
7116-12	Tape B/U Cleaning Cartridge Travan 20 T	68.18	75.00
6333-12	Tape Cleaning Cartridge Universal DDS-1	23.64	26.00
Medical - I	Medical		
16000-12	DynaPulse Blood Pressure Recorder - Hom The DynaPulse is a clinical accuracy blood pressure and pulse monitoring device that connects to you computer via a serial port. It displays the actual blood pressure waveform on screen as a visual confirmation of measurement accuracy. More importantly, systolic, diastolic, and mean arteric pressures are actually measured rather than calculated. Measurements are stored in a data bas allowing long term trends as a result of diet, exercise, or hypertensive medication to be viewed. The home version maintains data for up to six people.	ıl ıl re	530.00
Memory &	ICs - CPUs		
X1329-12	60mm Case/Power Supply Fan	17.18	18.90
X1333-12	CPU Fan Pentium III Cooler/SECCII	22.91	25.20
X1330-12	CPU Fan Standard Ball Bearing Socket 7 Suits all makes: Pentium, IBM(cyrix) and AMD socket 7 CPU.	18.91	20.80
X1328-12	CPU Fan Standard Sleeve Pentium SKT 7 Suite all makes :Pentium, IBM (Cyrix) and AMD.	14.55	16.00
X1404-12	CPU Fan Thermaltake Nvidia Geforce Chip All copper with Coolmod. Suits Ti4200, Ti4400 & Ti4600. Push pin easy tio install. 3 pin fan connector All copper heatsink.	40.91 r.	45.00
X1185-12	CPU Heatsink & Fan 486	13.09	14.40
X1408-12	Heatsink & Thermatic Fan Socket 370/Ath	35.45	39.00

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Heatsink XP Processor

X1380-12

http://www.mgram.com.au

38.18

Phone: (02) 4389 8444 Date: 26/07/05 Price List Fax: (02) 4389 8388 Page: 50 Cat No Description RRP Ex GST Inc GST **Memory & ICs - CPUs** 44.55 X1401-12 Thermaltake P4 Spark 7+ Universal CPU C 49.00 X1402-12 Thermaltake Volcano 11+ Silent Boost CP 53.64 59.00 X1403-12 Thermaltake Volcano 12 AMD CPU Cooler 71.82 79.00 X1391-12 Thermaltake Volcano 7+ Universal CPU Fa 65.45 72.00 Memory & ICs - Memory Card Readers Memory Card R/W 6 in 1 Bay USB2.0 FWire
Six in 1 - Will read and write Compact Flash, Smart Media, Multimedia, Secure Digital and Memory 6765-12 117.27 129.00 Stick and IBM MicroDrive memory cards via a USB 2.0 connection. Plus 3 USB 2.0 connectors plus 2+1 Firewire repeater plus audio in/out plus 5volt/12volt out. It will operate with Win 98SE or later and Mac OS 8.6. It fits in a 5.25in drive bay to provide front access to the various ports. 6782-12 Memory Card Reader Multi card to PCMCIA 50.00 55.00 Six in 1 - Will read and write Compact Flash, Smart Media, Multimedia, Secure Digital and Memory Stick and IBM MicroDrive memory cards via a USB connection. It will operate with Win 98 or later. A USB cable is included. Memory Card Reader/Write 6 in 1 Inc PCM 90.00 6785-12 99.00 Six in 1 - Will read and write full size PCMCIA ATA, Smart Media, Multimedia, Secure Digital and Memory Stick, and Memory Stick Pro memory cards via a USB connection. Operates with Win 98 or later on a USB 1.1 or USB 2.0 port. 44.55 Memory Card Reader/Write 8 in 1 Inc xD 49.00 6786-12 Eight in one - Will read and write xD, Compact Flash I/II, Smart Media, Multimedia, Secure Digital and Memory Stick, Memory Stick Pro and IBM MicroDrive memory cards via a USB 2.0/1.1 connection. It will operate with Win 98 or later. 35.45 39.00 6753-12 Memory Card Reader/Write Six in One USB Six in 1 - Will read and write Compact Flash, Smart Media, Multimedia, Secure Digital and Memory Stick and IBM MicroDrive memory cards via a USB connection. It will operate with Win 98 or later. A 6766-12 Memory Card Reader/Write Six in One USB 26.36 29.00 Six in I - Will read and write Compact Flash, Smart Media, Multimedia, Secure Digital and Memory Stick and IBM MicroDrive memory cards via a USB connection. It will operate with Win 98 or later. A USB cable is included for connection to a USB 1.1 or USB 2.0 port. 6843-12 Memory Card Reader/Writer Compact Flash 53.64 59.00 A Memory Card reader/writer that will read Compact Flash only and connects via Firewire. Memory Card Reader/Writer Memory Stick 8.18 6656-12 9.00 Will read and write Memory Stick memory cards (as used in some digital cameras) via a USB connection. It will operate with Win 98 or later and Mac OS 8.6. A USB cable is included. 6657-12 Memory Card Reader/Writer MMC & SD - US 17.27 19.00 Will read and write Multimedia memory cards and Secure Digital memory cards (as used in Palm M50x etc) via a USB connection. It will operate with Win 98 or later and Mac OS 8.6. A USB cable is included. 35.45 6744-12 Memory Card Reader/Writer Six in One Ba 39.00 Six in 1 - Will read and write Compact Flash, Smart Media, Multimedia, Secure Digital and Memory Stick and IBM MicroDrive memory cards via a USB 2.0 connection. It will operate with Win 98SE or later and Mac OS 8.6. It fits in a 3.5in drive bay to provide front access and connects to a motherboard USB header. Memory & ICs - MMC and SD Cards 6715-12 Memory SD Card 128MB - Secure Digital 90.00 99.00 This Card is to suit Palm 505 series and suits other portable products. The SD Card has a switch to ensure write protection. The speed of the SD Card is much faster than the MMC Card. Memory SD Card 256MB - Secure Digital 71.82 6726-12 79.00 This Card is to suit Palm 505 series and suits other portable products. The SD Card has a switch to ensure write protection. The speed of the SD Card is much faster than the MMC Card.

Memory SD Card 512MB - Secure Digital

This Card is to suit Palm 505 series and suits other portable products.

The SD Card has a switch to ensure write protection.

The speed of the SD Card is much faster than the MMC Card.

Memory SD Card 64MB - Secure Digital

This Card is to suit Palm 505 series and suits other portable products.

This Card is to suit Palm 505 series and suits other portable products.

Memory SD Card 32MB - Secure Digital

6714-12

6795-12

6670-12

62.73

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Memory	& IC	s -	ММС	and	SD	Cards

6751-12	Memory Stick IO Data 128Mb	144.55	159.00
	This Card is to suit Palm 505 series and suits other portable products. The SD Card has a switch to ensure write protection.		
	The speed of the SD Card is much faster than the MMC Card.		
6778-12	Memory XD Card 128MB	71.82	79.00
6783-12	Memory XD Card 256MB	117.27	129.00
6821-12	Memory XD Card 512MB	171.82	189.00
6793-12	Micro-Drive TYPE II 2.2Gb	417.27	459.00
	MicroGrams Micro-Drive enables users of digital cameras to		
	capture more high-resolution photos without having to		
	frequently download data. In addition, handheld PC users can		
	access more applications and maintain large databases, while notebook users can back up and transport their data quickly		
	and conveniently. Offering 2.2Gb of storage the Micro-drive		
	provides high- capacity, cost-effective personal storage.		
6791-12	MMC Card 128Mb	108.18	119.00

Memory & ICs - PCMCIA

6646-12	Compact Flash Card 128MB	71.82	79.00
6792-12	Compact Flash Card 1Gb TYPE I	180.91	199.00
6648-12	Compact Flash Card 256MB	171.82	189.00
6742-12	Compact Flash Card 512MB	262.73	289.00
6608-12	Compact Flash Card 64MB	53.64	59.00

Memory & ICs - RAM

1008067-12	Disk On Chip - DOC 16MB	144.55	159.00
	Embedded and industrial mother boards (eg Cat No 17078) have a DOC socket. Just load your OS into the DOC and plug into the DOC socket to get a robust computer without a mechanical hard drive.		.00.00
1008068-12	Disk On Chip - DOC 32MB Embedded and industrial mother boards (eg Cat No 17078) have a DOC socket. Just load your OS into the DOC and plug into the DOC socket to get a robust computer without a mechanical hard drive.	180.91	199.00
1008069-12	Disk On Chip - DOC 64MB Embedded and industrial mother boards (eg Cat No 17078) have a DOC socket. Just load your OS into the DOC and plug into the DOC socket to get a robust computer without a mechanical hard drive.	235.45	259.00
1008065-12	Disk On Module - DOM 32MB Just plug the 40 pin DOM into the IDE connector on your motherboard. The solid state disk allows you to boot and run your sytem without a fragile hard drive. This is a quality product made in Japan.	126.36	139.00
1008066-12	Disk On Module - DOM 64MB Just plug the 40 pin DOM into the IDE connector on your motherboard. The solid state disk allows you to boot and run your sytem without a fragile hard drive.	162.73	179.00
9268-12	RAM Chips DDR RAM 1024MB (1GB) PC3200 4	208.18	229.00
8871-12	RAM Chips DDR RAM 1024Mb 133Mhz Intel C	626.36	689.00
1008123-12	RAM Chips DDR RAM 256Mb PC3200 400Mhz	71.82	79.00
8878-12	RAM Chips DDR RAM 512MB PC3200 400Mhz	86.36	95.00
1008026-12	RAM Chips SDRAM 256MB 168 Pin 100Mhz	180.91	199.00
8911-12	RAM Chips SDRAM 256MB 168Pin 133Mhz Single Sided.	122.73	135.00
8726-12	RAM Chips SDRAM 32MB 168 Pin 100Mhz	90.00	99.00

Modems - Maestro

8975-12

8671-12

8788-12

10113-12 Fax/Modem/Voice 56K Maestro Woomera V90 Features an LCD to allow you to see who is calling, even if the PC is turned off, and Switchable Line

Impedance. The Woomera is able to automatically select from eight different line impedences to match the telephone line impedance, of the telephone line you are using, enabling the line to accurately carry signals to and from the modem, without losses or echoes.

RAM Chips SDRAM 512MB 168Pin 133Mhz

RAM Chips SDRAM 64MB 168 Pin 100Mhz

RAM Chips SDRAM 64MB 168 Pin 133Mhz

Because of the changes, check prices at time of ordering

217.27

71.82

70.00

326.36

239.00

79.00

77.00

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Modems -	Miscellaneous		
10136-12	ADSL Inline Filter RJ12/600 Series Indoor low pass filter required for telephones and faxes when running an ADSL service. Blocks high frequency energy on an ADSL service. Input can be connected to Telstra 600 series socket or via RJ12		22.00
	connector. The filtered output is via an RJ12 socket.		
10143-12	ADSL Inline Filter Splitter 600 Series Indoor low pass filter required for telephones and faxes when running an ADSL service. Blocks high frequency energy on an ADSL service. Plugs into a Telstra 600 series socket and has a filtered 600 series outlet socket for the telephone and an RJ12 unfiltered outlet socket for the ADSL modem.		25.00
10142-12	ADSL Inline Filter Splitter RJ12 Connec Indoor low pass filter required for telephones and faxes when running an ADSL service. Blocks high frequency energy on an ADSL service. Has one RJ12 input socket and two RJ12 output sockets, one unfiltered for the ADSL modem and one filtered for the telephone.		22.00
10148-12	Fax/Modem 56K Dynalink V90/56K	117.27	129.00
10174-12	Fax/Modem 56K PCMCIA or Compact Flash (A Compact Modem that can be used in CF slots (PocketPC/PDA) and includes an adapter for use with PC Card/PCMCIA slots in Laptops.	206.36	227.00
10052-12	Fax/Modem DLink External 56Kbps Rockwell Video Ready synchronous access modes support host based communication protocol. Voice speakerphone function - tone detection/generation and call discrimination. Supports digital telephone answering machine, voice annotation and audio recording playback applications.		109.00
10158-12	Modem D-Link Ethernet ADSL Modem 1 x RJ-11 connector, 1 x 10/100Mbps, RJ-45 G.dmt 8 Mbps/1 Mbps; G.lite down1.5Mbps/up512Kbps Built-in SNMP-based Mgt	117.27	129.00
10153-12	Modem D-LINK USB 56K Voice/Data Modem	90.00	99.00
10131-12	Modem ISDN 128k External Reliable, fast and seamless connection at either 64 or 128k bits/sec. compatible with OnRamp and Microlink ISDN services. Controlled via AT command set, hence it works with virtually any operating system. Supports Data over Voice DOV ie If you have OnRamp Home Highway installed, you can make 64kbps data calls over the voice channel - untimed local		569.00
10115-12	Modem ISDN 128k PCI Card Reliable, fast and seamless connection at either 64 or 128k bits/sec. compatible with OnRamp and Microlink ISDN services. PCI plug and play, no jumpers or switches for PC bus configuration. Compatible with Win 95, 98, NT4.0 or Linux.	217.27	239.00
10175-12	Serial GSM/GPRS Modem - Dual Band GSM90 This small and lightweight GSM & GPRS modem is capable of interfacing with any industrial plant and equipment or commercial assets.	526.36	579.00
	The dual band GSM modem is capable of transmitting data, short messages (SMS) & fax messages via the GSM/GPRS mobile network. The unit communicates with the remote device via an RS232 interface. Compatible with the AT-Hayes commands set the unit communicates at baud rates of 300 to 115200 bits/second through the RS232 serial link (network capability limits the modem to 14400bps for GSM, the GPRS unit is capable of 85.6kbps - check network provider for GPRS limits).		
	It includes an antenna and power supply.		
10094-12	Tele Boot Turn your computer on or off while you are away. Simply dial your phone and key-in your security code. No software involved.	281.82	310.00
Modems -	Netcomm		
10088-12	Fax/Modem/Voice 56k Netcomm V90 PCI Har	111.82	123.00
10155-12	Inmodem 56K/V92 Netcomm Modem Internal	44.55	49.00
10089-12	Modem Netcomm Mega I 56k V90 External	99.09	109.00
10149-12	PCI Low Profile Netcomm Modem The InModem 56k connection delivers high-speed voice, data and fax transmission. The InModem has an on board DSP (Digital Signal Processor) for better CPU (Central Processing Unit) performance. Fits in any case compatable with low-profile PCI cards. If you need a low profile back plane you need to order P/n 10150		58.00
10150-12	PCI Low Profile Netcomm Modem Back Plan	8.18	9.00
10170-12	PCI Netcomm Internal Modem The InModem 56k connection delivers high-speed voice, data and fax transmission. The InModem has an on board DSP (Digital Signal Processor) for better CPU (Central Processing Unit) performance. Fits in any case compatable with low-profile PCI cards. If you need a low profile back plane you need to order P/n 10150		51.00
10140-12	Router D-Link Enhanced Wireless 2.4Ghz	235.45	259.00

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Page: 53 Cat No Description RRP Ex GST Inc GST **Modems - Web Excel** 117.27 10171-12 ADSL Modem Router with 4 port hub - Web 129.00 10085-12 Fax/Modem/Voice 56k Web Excel External 71.82 79.00 10086-12 29.09 Fax/Modem/Voice 56k Web Excel Internal 32.00 **Monitors - Accessories** 4703-12 Monitor Arm LCD Desk Mount Type 15KG Ma Holds 14", 15", 17" & 19" LCD monitors. Supports up to 15kg. Desk Mount clamp. Standard VESA 162.73 179.00 mounts (75 x 75 and 100 x 100mm). Monitor Arm LCD Wall Mount Type 10KG Ma 4704-12 135.45 149.00 Holds 14", 15", 17" & 19" LCD monitors. Supports up to 10kg. Wall Mount design. Standard VESA mounts (75 x 75 and 100 x 100mm). 4697-12 Monitor Arm LCD Wall/C-Clamp/Desk Type 71.82 79.00 Holds 14", 15" & 17" LCD monitors. Supports up to 8kg. 3 - 1 design - desktop, wall and clamp mounting (allows screen adjustment in any position). Standard VESA mounts (75 x 75 and 100 x 100mm) Monitor Arm LCD Wall/C-Clamp/Desk Type 71.82 4666-12 79.00 Holds 14", 15" & 17" LCD monitors. Supports up to 8kg. 3 - 1 design - desktop, wall and clamp mounting (allows screen adjustment in any position). Standard VESA mounts (75 x 75 and 100 x 100mm). Monitor Privacy Screen 15in 180.91 4352-12 199 00 Notebook Stand with Cooling Fan 4700-12 80.91 89.00 The laptop stand makes laptop use easier by reducing desk clutter and keeping cables out of sight. The stand also assists with the ergonomical use of the laptop with the ability to rotate and tilt the stand. A storage tray below the stand is perfect for keeping pens and business cards etc out of the way. With a USB powered cooling fan the laptop stand makes sure your laptop will not overheat during periods of long use. 32.64 4338-12 Screen Filter 15in UV Glass 35.90 Screen Filter 17in UV Glass 53.64 4346-12 59.00 **Monitors - Colour** 4021-12 Monitor 10in. VGA Colour 826.36 909.00 Ideal for POS applications or where space is at a premium. 253.64 4705-12 Monitor 17in CRT Philips 107S61/75 Flat 279 00 390.00 4677-12 Monitor 19in .22dp 75Hz (1600x1200) Mit 429.00 4707-12 Monitor 21in CRT Samsung CF21MSBU/XSA F 817.27 899.00 1600x1200 res, @90Hz 817.27 4678-12 Monitor LCD 17in Mitsubishi DV173 899.00 **Monitors - LCD** 4683-12 Monitor LCD 10.4in TFT Colour 800 x 600 908.18 999.00 The ideal display for POS systems, it provides a 10.4 inch colour LCD display with a very versatile, adjustable stand. Uses standard 15 pin VGA connection. A touch screen is optionally available. Runs on 12V with 5V 3A power pack. Sold separately. 4658-12 Monitor LCD 12.1in TFT Colour 800 x 600 880.91 969.00 The ideal display for POS systems, it provides a 12.1 inch colour LCD display with a very versatile, adjustable stand. Uses standard 15 pin VGA connection. Integrated magnetic card reader and a touch screen are optionally available. Operates from 12Volt DC adapter (wired in) but could be easily changed for battery operation ie cut the wire and connect to battery. 780.91 4708-12 Monitor LCD 12.1in TFT Colour 800 x 600 859.00 12.1" TFT colour LCD Monitor SVGA 800x600 resolution Base dimensions:298(W) x 274(H) x 188(D)mm Space saving high resolution & brightness No radiation Flicker free Static free panel & base detachable Low power consumption 1271.82 4688-12 Monitor LCD 12.1in TFT Colour 800 x 600 1399.00 The ideal display for POS systems, it provides a 12.1 inch colour LCD display with a very versatile, adjustable stand. Uses standard 15 pin VGA connection.

Includes touch screen which connects to a serial port..

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4708T-12	Monitor LCD 12.1in TFT Colour 800x600 T	1271.82	1399.00
	12.1" TFT colour LCD Monitor		
	SVGA 800x600 resolution		
	Base dimensions: $298(W) \times 274(H) \times 188(D)mm$		
	Space saving high resolution & brightness		
	No radiation		
	Flicker free		
	Static free panel & base detachable		
	Low power consumption		
	Beige Colour.		
4710-12	Monitor LCD 15in ELO active TFT Touch S	1180.91	1299.00
	Ideal for POS applications. ELO brand active TFT Touch Screen flat Panel and 15.1". Comes in Black.		
4694-12	Monitor LCD 15in TFT CMV W/Speakers CT-	362.73	399.00
	Analogue Inputs only		
4687-12	Monitor LCD 15in Touch Screen Black USB	1544.55	1699.00
4696-12	Monitor LCD 17in TFT ACER With Speakers	817.27	899.00
	Based on thin film transistor (TFT) technology, ACER 17" LCD features excellent image quality. This		

Whilst conforming to all the latest safety and environmental standards this slim display is multifunctional and offers excellent image quality. 427.27 470.00 Monitor LCD 17in TFT W/Speakers 4702-12 Has analog inputs. 14ms response.

slim, space-saving monitor occupies only 40% of the desk space used by the average 17" CRT monitor.

 $30\ Day\ 0\ dead\ pixel\ warranty.$

Monitor LCD 19in TFT Analog & DVI 544.55 4709-12 599.00

Really wide viewing angle, Slim & Light weight, 4.6 kg Excellent image quality, Fast response, Multimedia

Monitor LCD 6.4in TFT Colour 640 x 480 1090.00 4685-12 1199.00

A panel mounted colour LCD display for industrial and similar applications. It accepts analogue VGA as well as PAL/NTSC/SECAM composite video. A control keypad is included. Operates from 12 Volts, a power adapter is included.

Optional accessories include: Touch screen, 19in rack mounting kit, Desk stand kit

Monitors - Mono

Monitors - LCD

4059-12 275.45 303.00 Monitor 9in. VGA Monochrome - White ${\it Ideal for POS applications or where a small footprint is required. Provides 640 x 480 resolution.}$

Monitors - Touch Screens

4042-12	Monitor Touch Screen 15in Spherical This touch screen fits inside the front bezel of an existing monitor. It uses a resistive film which detects	919.09	1011.00
	the location of the touch and connects to a computer via a serial port. It is spherically shaped to closely follow the CRT shape and thus minimise parallex errors. Mouse software drivers are included for serial connected controller.		
4043-12	Monitor Touch Screen 17in Spherical Resistive type, connects via serial port.	1081.82	1190.00
4053-12	Monitor Touch Screen 21in Spherical Resistive type, connects via serial port.	2641.82	2906.00
4353-12	Monitor Touch Screen for 15in LCD Displ This touch screen fits behind the front bezel of an LCD display. Mouse software drivers are included. Monitor CatNo 4691 is recommended.	317.27	349.00
4350-12	Monitor Touch Screen for 15in LCD Displ This touch screen fits behind the front bezel of an LCD display. Mouse software drivers are included.	235.45	259.00
4354-12	Monitor Touch Screen for 17in LCD Displ This touch screen fits behind the front bezel of an LCD display. Mouse software drivers are included.	362.73	399.00
15156-12	USB 2.0 to VGA Adapter for Second Scree Add a second monitor to your computer and spread your Desktop across both screens. Supports resolutions from 640 x 480 x 32, 800 x 600 x 32 up to 1024 x 768 x 8. Requires Win2000/XP.	153.64	169.00

Mother Boards - Accessories

8053-12 20.00 Battery Nicad for Motherboard 3.6v 22.00 A replacement for the blue cylindrical battery soldered to the majority of mother boards.

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Price List Fax: (02) 4389 8388 Page: 55 Cat No Description RRP Ex GST Inc GST **Mother Boards - CPUs** 208.18 X1410-12 CPU Celeron Intel 2.8GHz Socket 775 533 229.00 X1398-12 CPU Pentium IV 3.0Ghz 800 FSB 371.82 409.00 PRESCOTT. CPU is backward compatible. X1399-12 CPU Pentium IV 3.2Ghz 800 FSB 440.91 485.00 CPU is backward compatible. 423.64 X1406-12 CPU Pentium IV 3.2Ghz 800 FSB S775LGA 466.00 X1407-12 CPU Pentium IV 3.4Ghz 800 FSB S775LGA 544.55 599.00 X1409-12 CPU Pentium IV 3.6Ghz 800 FSB S775LGA 808.18 889.00 2931-12 M/B Intel I915PGNL S775 Lan Audio SATA 171.82 189.00 **Mother Boards - Pentium** 17086-12 Industrial ATX Mother Board P4 w 4PCI 2 726.36 799.00 This industrial motherboard is equipped with the latest Intel 875P chipset, the board supports the Intel Pentium 4 Prescott processor with hyper-threading capabilities, processor speeds up to 3.2GHz with 800MHz FSB and up to 4Gbyte DDR 266/333/400 in dual channel mode. Other special features of the board includes 256-level watchdog timer, DiskOnChip socket, digital I/O (4 in / 4 out) and PCI to ISA bridge, IDE1, IDE2 2 x SATA. Measuring 305mm by 244mm, it also has an AGP port, 4 PCI slots, 2 ISA slots, 4 onboard COM's ports. With ISA slots on board and a long life cycle, it is the platform of choice for industrial applications. 2919-12 M/B Gigabyte 875P 800 GA-8KNXP 390.00 429.00 Supports 800MHz FSB Pentiumreg; 4 Processor with HT Technology Supports Dual Channel DDR400 architecture with ECC. AGP 8X with AGP Pro interface for work-station graphics, Gigabyte patented Dual Power System 2 (DPS 2) design, Integrated Serial-ATA interface with RAID 0,1, IEEE1394 interface, GigaRAID IDE RAID interface, Intelr PRO/1000 CT Network Connection 2917-12 M/B Gigabyte GA-8S650GXMP MicroATX P4 117 27 129.00 2916-12 M/B Gigabyte GS-8iG1000PRO 226.36 249.00 2935-12 M/B Pentium IV Intel 5PCI 478 ATX DDR D 199.09 219.00 Multimedia - Satellite 3567-12 PCI TV Tuner - DVB-T & Analogue - Compo 162.73 179.00 # Philips SAA 713X video decoder # Both digital and analog TV reception # Power up scheduling # Remote Controlled Power on/off # Low-profile card design # Multiple voltage regulators # Support HDTV # Supports Microsoft BDA drivers # Support digital FM radio reception (not DAB type) # Fully functional IR remote control to operate TV # Stereo/SAP/NICAM TV audio for analog TV # Capture analog video from Composite or S-Video Multimedia - Sound 3532-12 117.27 129.00 Altec Lansing 3 Piece Speaker System 23ACS33 Speakers. 2 satellites and one sub-woofer & one manual. Satellite Power 10 Watts RMS, Sub-Woofer Power 15 Watts RMS. 271.82 3507-12 CREATIVE Audigy 2 Sound Card 6.1 with D 299.00 3500-12 Digital Data Box Super Digibin 453.64 499.00 Copy your photos from your camera CF card to the hard drive. It's battery operated and doesn't need a PC. But of course you can connect it to a PC via a USB port when you get home. This is just one application - use it as a USB connected hard drive, a USB CF card reader / writer, PDA backup etc. Just add a 2.5inch hard drive with a capacity to suit your needs. It is suitable for use with Win98SE, ME, 2000, XP, Mac OS 9.X and Mac OS X. You can use Memory Sticks, SD, XD cards etc with an adapter to convert to the CF form factor. Digital Voice Recorder OLYMPUS DS-3000 817.27 3099-12 899 00 The stylish DS-3000 employs extremely small and versatile cards for capturing your voice recordings id

connection cable.

DSS format. They may also be used to store images or large files for transport from PC to PC.

This package comes complete with 2 x 16mb cards, Battery, DSS player pro s/w, USB cable and

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Multimedia -	Sound		_
3450-12	Headset - Headset Microphone NC61 Andrea NC-61 incorporates Andrea Active Noise Cancelling microphone technology which improves speech intelligibility by significantly reducing background noise, improving voice clarity and enhancing the performance of all voice applications. Lightweight, adjustable form factor. Flat-folding for portability. Earphone speaker housing units designed for improved sound output. Rugged pro-flex wire microphone boom allows easier microphone positioning for improved voice intelligibility.	81.82	90.00
3549-12	Logitech USB Stereo Headset 250 Stereo Headset ideal to chat with comfort & digital clarity.	77.27	85.00
3570-12	MP3 Car DJ - FM Transmitter for USB Fla By plugging in your USB flash drive or MP3 player (or any audio source with an audio output like your PDA or CD player) into the MP3 DJ FM Transmitter and then tuning to the specified FM channel, you can immediately enjoy listening to your favourite digital music over your car stereo.	62.73	69.00
	The MP3 DJ can read MP3 files stored in storage devices and wirelessly transmit your music onto your car stereo with digital stereo quality.		
	There goes the need to purchase expensive MP3 car stereos or the need to keep bulky music CDs! It's simple and easy to use.		
3084-12	Promotion On Hold Digital Recorder Solid state record and play back. Connect to your music on hold and tell your customers what you have to offer. This model has a 6 minute standard capacity but is optionally available with a capacity of up to 18 minutes. (Not Austel Approved).	1070.91	1178.00
3478-12	Sound Blaster LIVE Creative 5.1 Sound Blaster LIVE! Digital Entertainment 5.1 is the ideal solution if your are looking at exploring a variety of digital entertainment on your PC. Package includes: users guide, installation CDROM, Digital CD Audio Cable, Analog CD Audion Cable.	90.00	99.00
3414-12	Sound Card Audio Excel PCI PC Theater 3 A high speed PCI interface with 6 Channel Speakers support and compatible with SB16. 32 bit PCI BUS master, full duplex playback and recording, built-in 16 bits CODEC, built-in 32 OHM earphone buffer and 3D surround. Windows 3.1, 95, 98, ME and NT4.0	31.82	35.00
3542-12	Speakers 5.25 Internal Speaker	31.82	35.00
3343-12	Speakers Amplified 120W Great for computer games and multimedia PC's.	23.64	26.00
3539-12	USB FM Radio MicroGrams 3539 USB Radio is a USB1.1 controller with recording functions. Just one step - plug and play, then you can listen to the latest music and save your favorite programs in MP3 format directly onto the hard disk of your PC or laptop. If you have been bored just listening to the sound of hitting the keyboard, let MicroGrams USB Radio make using your PC/laptop become more pleasant and enjoyable.	53.64	59.00
Multimedia -	Video		
3438-12	Auto A/V Switcher For Colour and B/W video signal. Auto/Manual function available with adjustable timing from 0.5 second 30 seconds. Can auto detect A/V signal and output it and crosstalk characteristics 60db (@5Mhz) Has 4 inputs and 2 outputs (both outputs are the same signal).	108.18	119.00
23027-12	AV Pro Front Access DV/AV Dual Capture A very versatile Audio Video processing module. Digital Features: Two 1394 input/output ports to connect with DV/D8, one internal port to connect with internal device, internal port to connect with internal device. Support IEEE 1394 - 1995 standard and 1394a supplement. Support 100, 200 and 400 Mbps transmission rates 4. Single TI 1394 chip solution. Analog Features: Multiple Composite (RCA) and S-Video (Y/C) inputs. One pair of Audio Input/Output (RCA). Multiple YCrCb and RGB pixel formats supported on output. VBI data capture for closed caption data decoding. Single video capture chip solution. Front panel connectors: Multiple Composite (RCA) Audio/Video and S-Video (Y/C) inputs. One Microphone jack. One 1394 (4 pins) input/output port. One USB 2.0 port. Rear Connectors: Audio Out. Audio In. Video. S-Video. 1394 4 Pin. 1394 6 Pin.	271.82	299.00
3534-12	Camera Lens with IR Illumination Can be used with Cat No. 3533	126.36	139.00
3552-12	Cardbus TV Tuner	162.73	179.00
3553-12	Digital Set-Top Box with 120GB Hard Dis An SD digital TV settop box with a built in Personal Video Recorder (PVR). To quote a long time, tech savy, customer, "The most significant advance in consumer electronics in the last 5 years".	544.55	599.00

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Multimed		EX GSI	IIIC GSI
3559-12	Digital Set-Top Box with 120GB Hard Dis This Standard Definition Digital Terrestrial Receiver with Personal Video Recorder allows you to record up to 60hrs on the 120GB HDD (@ 4Mbps stream). Twin tuners allow you to record one program while you watch another or record two programs simultaneously. You could even record two programs and watch a third that you have recorded previously.	1144.55	1259.00
3463-12	Digital Video Camera Canon MV750i Powerful & High res 22x zoom lens. High res 800k CCD & Digic DV signal processing for outstanding image quality. Includes 8mb Memory Card, fast USB interface, and complete Canon software bundle. WA-30.5 wide attachment,SDC-8M SD Memory Card,WL-D79A wireless remote controller, CA-570 compact power adapter, AC cable, BP-512 Li-Ion battery pack, SS-800 shoulder strap, STV-250N stereo video cable, IFC-300PCU interface cable, DV network solution disk version 5, Video Presenter 2 software disk.	1090.00	1199.00
3569-12	Dummy Surveillance Camera - Dome Style This dummy dome camera looks exactly like the real thing, at a fraction of the price. Make your business/home/office look like its under surveillance. 88mm Dia x 68mm High.	17.27	19.00
3547-12	External Digital TV Tuner USB 2.0 FM Ra With the new USB digital TV tuner you can watch Digital Television broadcast with an ordinary UHF/VHF antenna on your PC/Notebook. No more ghosting, Digital TV brings you clear, sharp pictures with amazing quality. You can use this product to capture and record life TV programs directly to your PC's hard disk in MPEG-2 format.	290.00	319.00
3565-12	IP Camera	180.91	199.00
6634-12	MPEG 1 Encoder Card - PCI Runout prices way below cost. Make your own Video CDs (VCD) with this MPEG 1 encoder card. Ideal for business presentation, weddings etc. The bundled software, Video Studio 3.0 SE, allows you to capture single frames in BMP or JPG format. You can also capture motion video in MPEG 1 format. There are two composite video inputs and one S-video input. Audio capture and playback is via a standard sound card.	90.00	99.00
3436-12	NTSC PAL SECAM VGA to PAL NTSC VGA Conv The Multivideo system converter uses digital processing to convert TV systems or computer VGA signals to most world TV systems. It also re-generates sync-pulses and can help stabilise poor quality video signals such as from multi-generation videotapes. It embodies many useful features such as composite or SVHS selectable inputs and picture zooming. The input systems are PC (VGA), NTSC 3.58, NTSC 4.43, PAL-M, PAL-M, PAL-N, SECAM, while the outputs are PC (VGA), NTSC 3.58, NTSC 4.43, PAL, PAL-M, PAL-N.	453.64	499.00
3529-12	Remote Surveillance Camera - Standalone No computer needed at the surveillance site. Just connect the camera to a modem and it will dial the preset number and transmit images when motion is detected or an alarm contact is closed.	362.73	399.00
3511-12	Surveillance Camera - IP addressable An up-market surveillance camera that can connect to your network via a UTP cable. It has an IP address which allows it to be accessed by any web browser.	817.27	899.00
3475-12	Surveillance Camera - Wireless with IP An up-market surveillance camera that can connect to your network via wireless LAN or UTP cable. It has an IP address which allows it to be accessed by any web browser. An economical model with just a UTP connection is also available. If you already have a camera it can be connected to a video server to allow remote viewing via a web browser.	526.36	579.00
3490-12	Surveillance Camera B&W CCD Weatherproo This is an excellent CCD surveillance camera that incorporates 6 x Infrared LEDs to illuminate the area under surveillance, Ideal for monitoring dark or low light areas. The camera is supplied complete with mounting brackets, screws, rawl plugs, 240 VAC plugpacks, 20 meter cable SCART adaptor and RCA connectors.	135.45	149.00
3496-12	Surveillance Camera B&W CCD with IR III Integratingan an infrared spotlight and a CCD sensor makes this camera ideal for use when viewing is required at night or in very low light situations. The illuminator is made up of 6LEDS which have a range of approximately 4m. Supplied in a hardy plastic case and swivel mounting bracket for easy installation. Requires a 12VDC regualted power supply.	103.64	114.00
3489-12	Surveillance Camera B&W Dome Style CCD This camera is ideal for mounting on a ceiling or wall. The camera angle is easily adjusted, making it ideal for use in retail stores and commercial outlets. The dome is small in size and protrudes only 55mm from base. Requires a 12VDC regulated power supply.	87.27	96.00
3488-12	Surveillance Camera B&W in Metal Case w This camera consists of a standard PCB CCD sensor board with Audio Electret mounted in a metal diseast case and is sumplied complete with metal mounting bracket. Requires a 12VDC regulated power	111.82	123.00

Surveillance Camera CCD Colour Dome Sty

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supply.

3491-12

Consisting of a colour CCD Sensor Chip in a metal case inside a black dome cover, this camera is ideal for surveillance in well lit areas. It features an adjustable focus lens and composite video output. Requires a 12VDC regulated power supply.

diecast case and is supplied complete with metal mounting bracket. Requires a 12VDC regulated power

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3493-12	Surveillance Camera Colour CCD This excellent camera features an external trigger function that enables the camera to be synchronised to others in a multiple camera installation, and thus illuminate the problem of "image roll" as the system monitor is switched between cameras. A 1/3" SONY Colour Image Sensor chip is used to provide a 48 line high resolution image and long service life.	426.36	469.00
3494-12	Surveillance Camera Colour CCD Day/Nigh This camera is unique among colour CCD cameras in that it can operate o Lux lighting conditions when used with our optional infrared illumination lenses. The camera automatically detects IR illumination and adjust itself for optimum picture quality.	335.45	369.0
3528-12	Surveillance Camera Dome with 12 x Infr This stylish dome camera is designed for flush mounting on walls or ceilings and features twelve infrared LEDs that automatically operate when the ambient light level falls. A unique mounting assembly allows the camera to pivot 90° over one axis. The camera uses a 1/3" Samsung CCD sensor to provide a high quality image making it ideal for use in and around the home or office or where performance and low light capabilities is required, while maintaining a smart appearance. 110mm diameter hole is required for mounting.	190.00	209.00
3533-12	Surveillance Camera Pro Style BW CCD 2 This professional CCD camera features a B & W Samsung CCD Sensor, Auto Iris Control, and 24VAC Operation. The Auto Iris Control can be selectable between inputs from the Video Signal or the AC Supply. This camera can be mounted by most of our Professional CCD Camera Mounting Brackets and enclosed in our Professional Aluminium External Camera Housing with Inbuilt Heater Cat. QC-3331 which also uses 24VAC Operation.	171.82	189.00
3448-12	Surveillance Card 12 Camera Input Kit Consists of three PCI PnP cards, each with four composite video inputs. It has drivers for Win95 and Win 98 and is bundled with Multi-cam Remote Viewer software, Multi-cam Digital Surveillance System software and Multi-cam Backup System software.	1071.82	1179.00
3469-12	Surveillance Card 12 to 16 Camera Input A PCI PnP card with four composite video inputs. Used to upgrade an existing 8 camera input to a 12 camera input.	271.82	299.00
3449-12	Surveillance Card 16 Camera Input Kit Consists of four PCI PnP cards, each and three back shell mountings, each with four composite video inputs (a total of sixteen video inputs.) It has drivers for Win95 and Win 98 and is bundled with Multicam Remote Viewer software, Multi-cam Digital Surveillance System software and Multi-cam Backup System software.	3162.73	3479.00
3499-12	Surveillance Card 4 Camera 5-8 w Driver A PCI PnP card with four composite video inputs. It has drivers for Win 98/ME/2000 along with a Software Development Kit to allow you to write your own applications.	244.55	269.00
3429-12	Surveillance Card 4 Camera Input Kit A PCI PnP card with four composite video inputs. It has drivers for Win98/ME/2000 and is bundled with Multi-cam Remote Viewer software, Multi-cam Digital Surveillance System software and Multi-cam Backup System software.	271.82	299.00
3471-12	Surveillance Card 4 Camera Input Kit Re A PCI PnP card with four Real Time composite video inputs. It has drivers for Win95/98/2000 and is bundled with Multi-cam Remote Viewer software, Multi-cam Digital Surveillance System software and Multi-cam Backup System software.	2726.36	2999.00
3470-12	Surveillance Card 4 Camera with Drivers A PCI PnP card with four composite video inputs. It has drivers for Win 98/ME/2000 along with a Software Development Kit to allow you to write your own applications.	244.55	269.00
3467-12	Surveillance Card 4 to 8 Camera Input U A PCI PnP card with four composite video inputs. Used to upgrade an existing 4 camera input to an 8 camera input.	271.82	299.00
3466-12	Surveillance Card 8 Camera Input Kit Consists of two PCI PnP cards, each with four composite video inputs. It has drivers for Win95 and Win 98 and is bundled with Multi-cam Remote Viewer software, Multi-cam Digital Surveillance System software and Multi-cam Backup System software.	1617.27	1779.00
3468-12	Surveillance Card 8 to 12 Camera Input A PCI PnP card with four composite video inputs. Used to upgrade an existing 8 camera input to a 12 camera input.	271.82	299.00
3525-12	TV Box External for LCD/CRT Monitor Receive high quality, stable TV on your CRT or LCD monitor. Just connect the box in series between the computer and the monitor. You can watch TV without turning on the PC or you can watch TV in a window while working on your PC.	217.27	239.00
3523-12	TV Box USB 1.1 with FM Radio Receive TV on your computer or Notebook, just connect via your USB port. Will also pickup FM radio. Connectors include TV antenna, FM antenna, S-Video in, Composite Video in, Audio in and Audio out. Power is supplied via the USB port. A full function remote control is also included. Operates with Windows 98SE, ME, 2000 or XP.	162.73	179.00

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3527-12	TV Box USB 2.0 with FM Radio Receive TV on your computer or Notebook, just connect via your USB port. Will record video at 704 x 576 resolution. It will also pickup FM radio. Connectors include TV antenna, FM antenna, S-Video in, Composite Video in, Stereo Audio in. A full function remote control is also included. Power is provided from a 240V to 5V plugpack. Operates with Windows 98SE, ME, 2000 or XP.	171.82	189.00
3399-12	TV Capture with Remote Control PCI Turns your PC into a television with an IR Remote Controller. You can watch TV programs in a window while you are working in other applications or switch to full screen TV display. The remote controller allows you to switch between PC mode and TV mode, adjust the channel, volume & more. You can capture still frames and movie clips, channel surf, or create your own TV transcripts. Composite video and S-Video inputs support VCRs, video cameras, laser-disc players, video game consoles, etc. Still image and live video capturing is easy with a simple mouse click. View multiple video sources on your VGA monitor at up to 30 frames per second. Win95/98/2000,NT4.0	80.91	89.00
3508-12	TV Capture with TV/FM Tuner & Remote Co Turns your PC into a television and an FM radio. It is ecomplete with an IR Remote Controller. You can watch TV programs in a window while you are working in other applications or switch to full screen TV display. The remote controller allows you to switch between PC mode and TV mode, adjust the channel, volume & more. You can capture still frames and movie clips, channel surf, or create your own TV transcripts. Composite video and S-Video inputs support VCRs, video cameras, laser-disc players, video game consoles, etc. Still image and live video capturing is easy with a simple mouse click. View multiple video sources on your VGA monitor at up to 25 frames per second. Win98SE or higher.	90.00	99.00
3102-12	VGA To Video Converter External High quality at an affordable price, this totally external unit does not require software drivers, hence, no software clashes. It supports resolution up to 1152 x 864 with a refresh rate of 60Hz, 1024 x 768 at 75Hz etc. It supports both PAL and NTSC systems. There is a VGA HD DB15M input connector and the following output connectors: VGA HD DB15F, Composite RCA, S-Video and RGB (for SCART). VGA MF, RCA MM and S-Video MM cables are included as is an IR remote control. SECAM is also supported on the RGB output.	317.27	349.00
3441-12	Video (VGA) Extender - Cat 5 Cable The video Extender uses a local transmitter connected by Category 5 UTP cable to to a receiver to extend the distance between the PC and a remote monitor by up to 130m. A local monitor can also be connected to the transmit end. The VGA connecting cable between PC and the transmitting unit is included.	362.73	399.00
3541-12	Video Conferencing Kit Kit comes with Camera Microphone Headphones and software.	90.00	99.00
3406-12	Video Digital Grabber/P'Back miro DV200 Scan, capture, edit and print to tape your digital video data using your DV camcorder and your PC! 100% IEEE 1394 compatible, SONY's optimized CODEC technology for quality & performance.	800.00	880.00
3369-12	Video Digital Grabber/P'Bk Studio MP10 Studio Mp10 is a new external video capture and output box that features real-time audio & video MPEG-1 compression, full featured MPEG-1 editing with it's STUDIO software, Impression Multimedia CD Creator for CD authoring, Sonic Desktop Smartsound for synchronozied background music. TWAIN drivers for still image capture directly from your image editing software and much more! Compatible with Windows 95/98	614.55	676.00
3521-12 3502-12	Video Frame Capture - Firewire Port Video Modem to 500m Extend your audio, video and power up to 500m on one coax. The set consists of a sender unit and a receiver unit as well as an adjustable power supply. The sender unit has an RCA audio input, a BNC video input and a power output for the camera. The receiver likewise has an RCA and a BNC connector for the audio and video as well as power input. An additional BNC connector on each unit allows them to be connected together via coax. The power supply output voltage can be adjusted between 18V to 27V to compensate for voltage drop	635.45 362.73	699.00 399.00
3551-12	along the coax. Video Signal Conditioner VHS/DVD This Video Signal Conditioner is designed to fit between a VCR/DVD player and VCR and will allow copies to be made even when the player signal has been encoded. It is useful for home Video Record backup. Composite Video connectors.	153.64	169.00
3497-12	Video to VGA - Hi Res Display on VGA Mo Full screen high quality TV display on your VGA monitor. It includes an infrared remote control. Input sources include, composite video, S-Video, VGA and Audio. Output is to a VGA connector and speaker output. Automatically supports NTSC, PAL and SECAM.	253.64	279.00
3479-12	Video to VGA - Hi Res Display on VGA Mo Full screen high quality TV display on your VGA monitor. Input connectors are provided for Composite video, S-video, RCA L/R audio, 3.5mm stereo audio and VGA. Outputs are provided for VGA and 3.5mm stereo audio. It automatically detects either PAL or NTSC input	180.91	199.00

At present this unit does not work with LCD monitors. FreeFax 1 800 625 777

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3535-12	Weatherproof CCD Aluminium Housing This weatherproof enclosure is ideal for adapting our Professional range of CCD video cameras for commercial indoor or outdoor use. The enclosure features solid aluminum construction to protect the camera and a clear glass window protected by an integral sunshade.	59.09	65.00
3563-12	Webcam Logitech Quickcam Pro 4000 Now you can create amazing videos and shoot 1.3 megapixel still photos with ease. Or add live video your instant messages while you chat. You can also make live video calls, set up a video monitoring system, or send photos and video along with your email.	180.91	199.00
Networking	- Cables		
11379-12	Cable Coax 75RGB Duo Bonded	162.73	179.00
11223-12	Coax Cable LM400 RG8 Low Loss Supplied cut to length on a per metre basis.	8.14	8.95
11207-12	RG58 Coax Cable Supplied cut to length on a per metre basis.	1.82	2.00
11238-12	RG58 Coax Cable 100m Roll 100 metre roll of RG58 Coax cable.	67.73	74.50
11239-12	RG58 Coax Cable 500m Drum 500 metres of RG58 Coax cable.	280.00	308.00
11201-12	RG58 Coax w connectors 10m 10 metre RG58 coax cable with connectors.	35.91	39.50
11464-12	UTP LAN Cable 1 Metre CAT 6	4.00	4.40
11308-12	UTP LAN Cable 1 Metre with RJ45 Connect One metre UTP LAN cable with RJ45 connectors.	7.86	8.65
11406-12	UTP LAN Cable 10 Metre with RJ45 Connec UTP LAN cable with RJ45 connectors.	18.09	19.90
11407-12	UTP LAN Cable 15 Metre with RJ45 Connec UTP LAN cable with RJ45 connectors.	27.73	30.50
11463-12	UTP LAN Cable 2 Metre CAT 6	5.36	5.90
11329-12	UTP LAN Cable 2 Metre with RJ45 Connect 2 metre UTP LAN cable with RJ45 connectors.	9.91	10.90
11408-12	UTP LAN Cable 20 Metre with RJ45 Connec UTP LAN cable with RJ45 connectors.	20.82	22.90
11279-12	UTP LAN Cable 3 Metre with RJ45 Connect Three metre UTP LAN cable with RJ45 connectors.	11.73	12.90
11675-12	UTP LAN Cable 30 Metre with RJ45 Connec UTP LAN cable with RJ45 connectors.	25.45	28.00
11274-12	UTP LAN Cable 4pr/.51mm (24AWG) Cat 5	1.36	1.50
11405-12	UTP LAN Cable 5 Metre with RJ45 Connect UTP LAN cable with RJ45 connectors.	14.45	15.90
Networking	- CISCO		
12501-12	Cisco 1 Port ISDN WAN interface card	1268.18	1395.00
12500-12 Networking	- Communications	2453.64	2699.00
		0.17.07	
10169-12	Analog Telephone Adaptor 1xFXS 1xFXO	217.27	239.00
10173-12	Extra Handset for Cordless Skype Dualph Extra Handset for USB Cordless Skype and Normal Phone Cat No 10172	97.27	107.00
10161-12	IP Phone Desktop Model with LCD Display Make VOIP phone calls, just connect the phone to your LAN. Uses SIP protocol. Includes LCD display.	217.27	239.00
10172-12	USB Cordless Skype & Normal Phone - Dua The Cordless DUALphone is a cordless telephone that can be connected to a normal telephone socket and a USB port on a PC. This allows the user to receive and make standard voice calls aswell as calls over the Skype network. The display shows whether your friends who also use Skype are online. If they are, you simply have to press the appropriate green button and talk to them for free - no matter where they are in the world.	180.91	199.00

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Networking - Communications

80.91 10129-12 USB Net Phone - for Skype etc 89.00 Here is the handset to make free phone calls with Skype - www.skype.com. Bypass the Telcos with

Your existing sound card/speakers will act as the ringing device until you answer the phone.

This USB connected phone allows free calls across the internet, just plug into a USB port, no drivers are

It includes a real-time volume control on the side of the phone.

Use any standard .WAV file for your ring tone.

Suitable for use with Microsoft Windows 98SE/ME/2000/XP

Supports internet telephony under SIP RFC 3261 (Call fixed line phones)

Operates with NetMeeting, MSN Messenger, Hicall etc.

Includes a wall mounting bracket.

117 27 10165-12 USB Skype Phone - Desktop with Keypad 129.00

Free, HIGH QUALITY, phone calls to other Skype users as well as low cost calls to fixed line phones. See www.skvpe.com

The desktop model includes the following great features:

. Seamless integration with Skype.

Rings loudly on an incoming call.

. Fully functional keypad enables you to make/receive calls.

. Hook switch allows for intuitive answering/ending of Skype calls.

. Acoustically isolated speaker and microphone to eliminate echos.

. Full-duplex communication with crystal clear speech.

. USB Interface PnP. No external power/sound card required

. Built-in headset jack.

. Hands-free microphone and speaker.

Also compatible with other PC-based softphone applications, such as MSN, Yahoo Message, Xten,

Dialpad, MediaRing and Net2phone etc.

. Also supports Linux and Mac OS X.

10167-12 USB Skype Phone - Handset 62.73 69.00

Free, HIGH QUALITY, phone calls to other Skype users as well as low cost calls to fixed line phones.

See www.skype.com

The USB handset includes the following great features:

. PC sound card provides loud ring sound, while the handset provides voice sound and microphone.

. Full-duplex communication with crystal clear speech.

. USB Interface PnP. No external power or sound card required

Also compatible with other PC-based softphone applications, such as MSN, Yahoo Message, Xten, Dialpad, MediaRing and Net2phone etc.

USB Skype Phone - Mobile Style with Key 108.18 119.00 Free, HIGH QUALITY, phone calls to other Skype users as well as low cost calls to fixed line phones.

See www.skvpe.com

The mobile style phone includes the following great features:

. Rings loudly on an incoming Skype call.

. Fully functional keypad enables you to make/receive calls.

. Acoustically isolated speaker and microphone to eliminate echos.

. Full-duplex communication with crystal clear speech.

USB Interface PnP. No external power or sound card required

. LCD display and LED indicators.

Also compatible with other PC-based softphone applications, such as MSN, Yahoo Message, Xten,

Dialpad, MediaRing and Net2phone etc.

10128-12 271.82

> You can almost totally eliminate phone call costs to your branch office. Just connect the gateway to the internet via an ethernet port and connect the other side to a standard telephone handset. A similar setup

> is also required at the branch office. It is simply a matter of dialling the other phone, in effect the IP address of the other gateway. It even works from behind your firewall. (Please note that the gateway is not currently approved for connection

to your PABX).

10160-12 WLan Mobile IP Phone 453.64 499.00

Make VOIP phone calls from this mobile unit using your wireless LAN access point. Uses SIP protocol.

Includes LCD display.

Networking - GPS

10166-12

953.64 11455-12 Bluetooth GPS with CoPilot Live V4.5 Au 1049.00

Includes a 64Mb Secure Digital card with pre-loaded Map data of Australia, Points of Interest and

Quickstart.

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Networking	- GPS		
11433-12	GPS Receiver - Bluetooth Connection GPS navigation on your PDA - without wires Connects to your PDA via Bluetooth . Communicates with the Host Platform via Bluetooth Serial Profile Uses the SiRF Star II/LP high performance, low power chipset All-in-view 12-channel parallel processing Built-in SuperCap to preserve system data for rapid satellite acquistion Supports NMEA 0183 command: GGA, GSA, GSV, RMC, GLL and VTG GPS/Bluetooth/Battery LED indicators Built-in Lithium-ion rechargeable battery.	426.36	469.00
11448-12	GPS Software CoPilot Live 4.5 Australia Includes a 64Mb Secure Digital card with pre-loaded Map data of Australia, Points of Interest and Quickstart.	571.82	629.00
Networking	- Hardware		
11902-12	Bluetooth CF Card for PDA Give your Windows CE-based pocket PC (with a CF card slot) Bluetooth connectivity. Easily transfer names, phone numbers and appointments between your Notebook/PC and your PDA without cables or infrared line of sight. The adapter has a nominal range of 10m and is compliant with Bluetooth version 1.1. The maximum data rate is 1 Mbps. FOR PDA's only	80.91	89.00
11919-12	Bluetooth CF/PCMCIA Combo Card This Combo card allows you to conveniently Bluetooth enable your laptop or PDA providing simple wireless communication. This CF card is supplied with a type II PCMCIA adaptor and has an integrated antenna, allowing you to connect and communicate with other Bluetooth enabled devices.	399.09	439.00
11915-12	Bluetooth Compact Flash Card Want to wirelessly synchronize your Pocket PC? Use our Bluetooth CompactFlash Card. You can also use it to exchange phone numbers and address book details, or dial the Internet with your Bluetooth phone - taking advantage of fast GPRS or 3G connections.	399.09	439.00
11911-12	Bluetooth Hands Free Car Kit Plug in portable hands free car kit for Bluetooth mobile phones. Plugs into standard cigarette lighter socket. Kit comes complete with built in speaker and microphone and can be installed in any car in seconds.	159.09	175.00
11907-12	Bluetooth Head Set No more putting high powered mobile phones to your head and no more wires to your mobile head set. No more line of sight as with infrared, just answer your phone without taking it out of your pocket. Works with Bluetooth enabled mobile phones and includes battery charger.	53.64	59.00
11916-12	Bluetooth Headset - Pendant Style MicroGrams 11916, powered by Bluetooth technology, enables wireless handsfree communication with your Bluetooth-enabled mobile phone. While most competitors' products require the user to wear them over the ear, which may not be preferred by most users, the 11916 adopts a pendant-like design, combining the technology with style in the most acceptable form.	117.27	129.00
11920-12	Bluetooth Serial Cable Replacement Devi Connect your serial device (printer, scanner, CRO etc.) to your computer via a Bluetooth link. Just connect this module to the device and "talk" directly to a Bluetooth enabled computer or Notebook. An OEM module is also available to Bluetooth enable your existing serial products. More information is available at www.brainboxes.com	417.27	459.00
11912-12	Bluetooth Serial Cable Replcmnt Device This is just the circuit board out of our product code 11908 Bluetooth Serial Cable Replacement Computer Module.	235.45	259.00
11905-12	Bluetooth USB Adapter Transfer names, phone numbers and appointments between your Notebook/PC and your PDA or mobile with Bluetooth wireless connectivity. It is just as easy to connect your notebook to the net by using your mobile as a modem (GPRS recommended). No need for line of sight as with infrared. The adapter has a nominal range of 10m and is compliant with USB version 1.1 and Bluetooth version 1.1. The maximum data rate is 1 Mbps.	108.18	119.00
11901-12	Bluetooth USB Dongle with Winfax Pro 10 Transfer names, phone numbers and appointments between your Notebook/PC and your PDA or mobile with Bluetooth wireless connectivity. It is just as easy to connect your notebook to the net by using your mobile as a modem (GPRS recommended). No need for line of sight as with infrared. The full version of Winfax Pro version 10 is included and allows faxes to be sent while on the road using your bluetooth enabled phone as a modem. The adapter has a nominal range of 10m and is compliant with USB version 1.1 and Bluetooth version 1.1. The maximum data rate is 1 Mbps and it measures only 63mm x 23mm x 10mm.	53.64	59.00

1.1. The maximum data rate is 1 Mbps and it measures only $63mm \times 23mm \times 10mm$.

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Networking	- Hardware		
11904-12	Bluetooth USB LAN - Dual Dongle A home network with out wires. It just needs a USB port. This Class 1 Bluetooth device has a nominal range of 100m and is compliant with Bluetooth version 1.1. The maximum data rate is 1 Mbps. It is supported by Windows 98SE/ME/2000/XP. The kit includes two USB to Bluetooth dongles along with CD drivers and user guide.	126.36	139.00
11903-12	Bluetooth USB LAN - Single Dongle A home network with out wires. It just needs a USB port. This Class 1 Bluetooth device has a nominal range of 100m and is compliant with Bluetooth version 1.1. The maximum data rate is 1 Mbps. It is supported by Windows 98SE/ME/2000/XP. The kit includes one USB to Bluetooth dongles along with CD drivers and user guide.	80.91	89.00
11910-12	Bluetooth USB Printer Adapter Pass through USB adapter. Turns all USB printers into a Bluetooth device. Connects to the USB port of most printers to allow wireless printing from other Bluetooth enabled devices, while still permitting normal printing options.	144.55	159.00
11247-12	Crimp Tool Modular Plug RJ45 RJ-45 8 Core Crimp Tool For 10Base-T and 100Base-T connections.	26.36	29.00
10135-12	Dialup Gateway 4 Serial 8 LAN w VPN Ideal for connecting branch offices. Will aggregate up to 4 POTS or ISDN lines.	1090.00	1199.00
11447-12	Ethernet 1000Base-TX to Fibre SC Media Convert fibre optic to UTP or vice versa in minutes without adding new equipment, re-configuring existing equipment or re-wiring your network. This 1000Mbps, Gigabit Ethernet Media converter comes with one UTP RJ45 connector and one multi mode fibre SC port. It is suitable for distances up to 550m.	426.36	469.00
11325-12	Ethernet 100Base-TX to Fibre SC Convert Convert fibre optic to UTP or vice versa in minutes without adding new equipment, re-configuring existing equipment or re-wiring your network. This 100Mbps Fast Ethernet Media converter comes with one UTP connection (with two RJ45 connectors) that allow you to connect to a 100Base-TX device such as a workstation, hub or switch and one multimode fibre connection (SC type connector) that allows you to connect a 100Base-FX device. Call for single mode models with 15km, 30km and 50km range.	199.09	219.00
11326-12	Ethernet 100Base-TX to Fibre ST Convert Convert fibre optic to UTP or vice versa in minutes without adding new equipment, re-configuring existing equipment or re-wiring your network. This 100Mbps Fast Ethernet Media converter comes with one UTP connection (with two RJ45 connectors) that allow you to connect to a 100Base-TX device such as a workstation, hub or switch and one multimode fibre connection (ST type connector) that allows you to connect a 100Base-FX device. Call for single mode models with 15km, 30km and 50km range.	162.73	179.00
11363-12	Ethernet Adapter 64bit PCI Gigabyte 3Co	480.91	529.00
11341-12	Ethernet Adapter Card Bus 10/100 UTP 32 The Card Bus (32 bit, as opposed to PCMCIA which is 16 bit) Ethernet card is a credit card size Ethernet adapter that connects a notebook PC to an IEEE 802.3 standard Ethernet network. It automatically negotiates 10Mbps or 100Mbps connection rate, depending on the speed of the network.	62.73	69.00
11465-12	Ethernet Adapter CardBus Giga/100/10 UT Data Transfer Rate Up to 1000 Mbps. Supports PCMCIA Type II, 32-bit slot. Compatible with IEEE802.3 10Base-T, 100Base-T and 1000Base-T. RJ45 connector to 10/100/1000 Mbps Ethernet networks, auto-sensing. Full/Half Duplex auto-negotiation for IEEE802.3 10, 100 and 1000Base-T. Full-duplex design to double the performance to 20/200/2000Mbps. Supports Category 3, 4, 5 for 10Base-T, 5 for 100Base-T and 6 for 1000Base-T. LED indicator lights for Link/Active status. Crossover Detection & Auto-Correction. Plug-n-Play and Hot-swapping. Compatible with Windows 98SE/ME/2000/XP/2003, Linux and Mac.8.x 9.x.	71.82	79.00
11300-12	Ethernet Adapter PCMCIA 10/100 UTP 16 B The PCMCIA Ethernet card is a credit card size Ethernet adapter that connects a notebook PC to an IEEE 802.3 standard Ethernet network. It features 16-bit PCMCIA architecture and automatically negotiates 10 or 100Mbps connection rate, depending on the speed of the network.	62.73	69.00
11302-12	Ethernet Card ISA BNC/UTP PnP Jumperles 16 Bit ISA 10Base LAN adapter. Has RJ45 and BNC connectors. Full duplex support NE2000 compatible.	35.45	39.00
11332-12	Ethernet Card PCI Intel 21143 10/100 Mb Designed for file server applications, the Intel 21143 chipset (formerly known as the DEC 143), will deliver high networking performance. The 21143 features a high-bandwidth PCI interface and extended PCI commands to maximize data throughput and device utilization. It incorporates a powerful on-chip DMA capability to minimize CPU overhead and also features interrupt mitigation on transmit and receive; this batching mechanism can increase Windows NT* server performance by lowering the CPU overhead	99.09	109.00

overhead.

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11469-12	Ethernet Card PCI Intel 21143 10/100 Mb Designed for file server applications, the Intel 21143 chipset (formerly known as the DEC 143), will deliver high networking performance. The 21143 features a high-bandwidth PCI interface and extended PCI commands to maximize data throughput and device utilization. It incorporates a powerful on-chip DMA capability to minimize CPU overhead and also features interrupt mitigation on transmit and receive; this batching mechanism can increase Windows NT* server performance by lowering the CPU overhead.	99.09	109.00
11282-12	Ethernet Card PCI UTP/STP 10/100 Mbps Able to auto sense either 10Mbs or 100Mbs operation, this Plug and Play PCI Ethernet card uses the Bus Master architecture to maximise throughput. Drivers for all popular operating systems are included. This card is on the "Microsoft Hardware Compatibility List" for Win ME/2000 Combines with Cat# 11348 Back Plane to make Cat# 11347 Low Profile card.	24.55	27.00
11347-12	Ethernet Card PCI UTP/STP 10/100 Mbps L Designed for use in low profile cases, eg as used by Gateway Computers, where standard size cards won't fit. This Plug and Play PCI ethernet card is able to auto sense either 10Mbs or 100Mbs operation, and uses the Bus Master architecture to maximise throughput. Drivers for all popular operating systems are included.	39.09	43.00
11359-12	Ethernet Gigabit Adapter 32 Bit A Gigabit NIC with a 32 Bit BUS.	37.27	41.00
11360-12	Ethernet Gigabit Adapter 64 Bit A Gigabit NIC with a 64 Bit BUS.	153.64	169.00
11381-12	Ethernet Gigabit Smart Switch 4 Port Co This is a desk-top switching hub with four Gigabit ports with RJ45 connectors	362.73	399.00
11382-12	Ethernet Gigabit Smart Switch 8 Port Co This is a desk-top switching hub with eight Gigabit ports with RJ45 connectors	544.55	599.00
11353-12	Ethernet Gigabit Switch 1 Gigabit 8x10/ This is a desk top switching hub with one Gigabit port with an RJ45 connector and eight 10/100 BaseTX auto negotiation ports with RJ45 connectors. It is ideal for the backbone of your LAN.	580.91	639.00
11338-12	Ethernet Hub 16 Port 10/100Mbps Plastic A low cost, plastic case, 16 port (15 port plus uplink) Fast Ethernet hub. It is perfect for improving the performance of a small network. It supports 10/100Mbps auto-negotiation on all ports and automatically senses half or full duplex connections for high speed server or switch-to-switch configurations. It is a desktop model.	308.18	339.00
11327-12	Ethernet MII to 100Mbps Fibre SC Conv This 100Mbps Fast Ethernet transceiver provides one MII (media independent interface) connector and one 100BaseFX port(SC connector) that can connect to a multi-mode fiber optical cable. When the fiber link is set to full-duplex transmission mode, the distance between Fast Ethernet devices can be up to 2km.	395.45	435.00
11328-12	Ethernet MII to 100Mbps Fibre ST Conv This 100Mbps Fast Ethernet transceiver provides one MII (media independent interface) connector and one 100BaseFX port(ST connector) that can connect to a multi-mode fibre optic cable. When the fiber link is set to full-duplex transmission mode, the distance between Fast Ethernet devices can be up to 2km.	321.82	354.00
11323-12	Ethernet Switch Hub 16 Port 10/100BaseT This is a sixteen port rack mount switching hub with 10/100 BaseTX auto negotiation ports. All ports support half and full duplex transmission. If your network has continual collisions (with consequent drop in network performance) this hub will switch a dedicated path between the sending and receiving computers thus preventing collisions and improving performance and usable bandwidth.	153.64	169.00
11384-12	Ethernet Switch Hub 24 Port 10/100 2Por This is a smart managed, stackable, rack mounted switching hub with 24 10/100 ports and two 10/100/1000 fibre ports.	1180.91	1299.00
11324-12	Ethernet Switch Hub 24 Port 10/100BaseT This is a twenty four port rack mount switching hub with 10/100 BaseTX auto negotiation ports. All ports support half and full duplex transmission. If your network has continual collisions (with consequent drop in network performance) this hub will switch a dedicated path between the sending and receiving computers thus preventing collisions and improving performance and usable bandwidth.	186.36	205.00
11356-12	Ethernet Switch Hub 32 Port 10/100BaseT This is a thirty two port rack mount switching hub with 10/100 BaseTX auto negotiation ports. All ports support half and full duplex transmission. If your network has continual collisions (with consequent drop in network performance) this hub will switch a dedicated path between the sending and receiving computers thus preventing collisions and improving performance and usable bandwidth.	426.36	469.00
11333-12	Ethernet Switch Hub 5 Port 10/100Mbps This 5 port Fast Ethernet switch is perfect for improving the performance of a small network. It supports 10/100Mbps auto-negotiation on all ports and automatically senses half or full duplex connections for high speed server or switch-to-switch configurations. It is a desktop model.	71.82	79.00

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11334-12	Ethernet Switch Hub 8 Port 10/100Mbps This 8 port Fast Ethernet switch is perfect for improving the performance of a small network. It supports 10/100Mbps auto-negotiation on all ports and automatically senses half or full duplex connections for high speed server or switch-to-switch configurations. It is a desktop model.	62.73	69.00
10104-12	Internet Access Server 2 Port (2 Modems Give all stations on your network simultaneous access to the internet through this access server. Hardware based firewall ensures your security, while dial on demand minimises your connect time. It has a built in DHCP server and includes software to provide clients with their own email address.	345.45	380.00
10162-12	Internet Broadband Router 1 WAN 4 LAN 1 A broadband router suitable for sharing an internet connection with mutliple users. Features include: - Multiple users sharing one internet connection - IP routing and NAT/PAT support - Supports PPPOE / PPTP client function for xDSL connection - DMZ redirects WAN port's Public IP address to a LAN's Private IP address - Address Mapping, Virtual Servers, Bridge Mode - Protocols: TCP/IP, UDP, ICMP, PPPOE, PPTP, NAT/PAT, DHCP (Client/Server) - Natural firewall (NAT), private IP addresses not accessible from the Internet - IP Packet Access Control - Hacker Attack Prevention (DoS) - PAP/CHAP/MS-CHAP authentications - VPN PPTP Client / IPSec pass through - Web-based GUI, Remote Management	117.27	129.00
10111-12	Internet Router 1 LAN 4 WAN 10Mbps Can be used as an Internet Access Server or for Remote Access or for LAN to LAN routing. It has 4 WAN (RS232) and 1 LAN (UTP).	1030.91	1134.00
10145-12	Internet Router ADSL Multihomed 2 WAN ADSL dropping out? Connect to two different providers and double your chances of staying online. It features load balancing and failover between the WAN lines and also has a 4 port 10/100 hub built in.	244.55	269.00
10139-12	Internet Router ADSL Multihomed 4 WAN ADSL dropping out? Connect to two different providers and double your chances of staying online. In fact our multihomed router will allow you to connect to four different sources and share the band width between them.	471.82	519.00
10164-12	Internet Security Router Including VPN Provide secure connections to your travelling salesmen or wireless users with up to 100 VPN tunnels. The features of this product include: Up to 100 VPN tunnels, PPPoE client, Interoperable IP-VPN, Supports L2TP remote VPN, Stateful Firewall Security, Application Content Filtering for Java, ActiveX, cookies, keywords, URL filtering, Active Intrusion Detection Engine, Flexible Traffic Management, bandwidth control, Flexible management via console, Web and SNMP/RMON, NAT. See the data sheet for full details.	771.82	849.00
11900-12	Network Starter Kit Contains 2 x PCI UTP/STP 10/100 Mbps network cards and 1 x 5 Port UTP 100BaseTx hub and 2 x 5 metre cables and a very good installation manual.	80.91	89.00
11352-12	Printer Server 1 Parallel Port 10/100Mb There's no need for a computer just to operate as a printer server, or you can avoid slowing down a work station when a print job is running by installing this small print server. It connects directly to the printer and a UTP cable. Suitable for Windows 95,W98, W98SE, 2000, XP, Windows NT, Novell, TCP/IP and Unix. Has a 36-pin male Centronics connection.	190.00	209.00
11383-12	Printer Server 1 USB Port USB printer with NT4? Here is the answer. Connect the USB printer server to the network via a 10/100 port and all computers have access to the printer.	171.82	189.00
11362-12	Printer Server 2 USB 1 Parallel Port 10 There's no need for a computer just to operate as a printer server, or you can avoid slowing down a work station when a print job is running by installing this small print server. It connects directly to two USB printers and one parallel printer and a UTP cable. Supports IPP (Internet Printing Protocol). It auto detects the speed of the network, ie 10Mbps or 100Mbps. It is suitable for use with Windows 95/98/98SE/Me, Windows NT 4.0/2000/XP, Mac OS 8.1 or higher, UNIX/Linux, NetWare (Bindery/NDS).	235.45	259.00
11293-12	Printer Server 3 Parallel Port 10/100Mb There's no need for a computer just to operate as a printer server, or you can avoid slowing down a work station when a print job is running by installing this small print server. It connects directly to three parallel printers and a UTP cable and auto detects the speed of the network, ie 10Mbps or 100Mbps. Suitable for Windows 95, Windows NT, Novell and TCP/IP.	144.55	159.00
11305-12	RG58 Cable Stripper	60.91	67.00
11307-12	UTP 6 & 8 Core Cable Stripper	104.55	115.00
11290-12	UTP LAN Cable .5 Metre with RJ45 Connec Half metre UTP LAN cable with RJ45 connectors.	6.05	6.65

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Networking	- Hardware		
10152-12	Wireless Access Point Linksys WRV54G PO The Wireless-G VPN Broadband Router is the advanced, complete networking solution for your small business, incorporating four essential networking functions in one high-powered box. First, there's the Wireless Access Point, which lets you connect Wireless-G (802.11g) or Wireless-B (802.11b) devices to the network. There's also a built-in 4-port full-duplex 10/100 Switch to connect your wired-Ethernet devices. Connect four PCs directly, or daisy-chain out to more hubs and switches to create as big a network as you need.	i i	449.0
10154-12	Wireless Power Over Ethernet (POE) Adap Simplify your network installations with power and data on one cable! The Linksys Power Over Ethernet Adapter Kit lets you put your access points almost anywhere, by removing the requirement of nearby power outlets. By using the existing Category 5 Ethernet cabling to deliver power to any standard 5 volt access point or other network device, you save the time, hassle, and expense of running AC power to the access point's installation location.)	99.00
10141-12	Wireless Presentation Gateway LINKSYS	862.73	949.00
Networking	- Wireless		
11390-12	Antenna DLINK Air Indoor/Outdoor 5Dbi G This Omni-Directional antenna is the ideal, cost effective solution when you need a discrete installation or when space is an issue.	235.45	259.00
11672-12	D-Link Ethernet to Wireless Bridge 2.4G Converts virtually any ethernet device to a wireless network device. 802.11b	153.64	169.00
11445-12	Tripod Roof Mount and Mast - Tile	40.00	44.00
11449-12	Tripod Roof Mount and Mast - Tin	40.00	44.0
	Frequency Range: 1.8 to 2.5GHz Insertion Loss 1.8~2.5GHz: 6.5dB(typ)/7.0dB(max) Isolation Loss 1.8~2.5GHz: 24dB(typ)/20dB(max) V.S.W.R.: 1:1.3(typ)/1: 1.5(max) Power Rating: 50W Impedance: 50 Ohm Connectors: N-Type Female		
11424-12	Wireless AP/Bridge/Client 200mW	435.45	479.00
11451-12	Wireless HotSpot Our wireless HotSpot integrates "access control" and "wireless network access" into one system and simultaneously supports both 802.11b and 802.11g dual wireless transmission modes. No need for users to install any extra software or make changes to their IP settings. Has a built-in user database designed for Hotspot operation. Support external authentication mechanisms, such as RADIUS, POP3, POP3S and LDAP/AD. Also supports "traffic isolation" so that clients cannot "see" each other Supports traffic control from Layer2 to Layer4 through integration with IEEE802.1x standard An optional Ticket Printer prints on the spot tickets with user name and password along with the amount of time purchased.	ı	949.00
11357-12	Wireless LAN Access Point - Repeating B Don't have line of sight between your end points? Just position a centre access point with line of sight to each end and this will repeat any received data to the other end. It is an IEEE 802.11b, high data rate, standard compatible access point. It supports an IEEE 802.3 10BaseT and 100BaseTX port for easy interfacing to an Ethernet backbone and contains a direct console port for local configuration. HTMI for Web management is also supported. The product uses Direct Sequence Spread Spectrum Technology for immunity to interference. The Access Point is a key component of a wireless network, in that is connects the wireless stations to the distribution system in a network. This model supports Infrastucture, Point to Point Bridging and Point to Multi Point Bridging with Repeat configurations. Either WEP-64, WEP-128 (Wired Equivalent Privacy) or no encryption may be selected in the configuration. Theoretically 128 users can connect to the access point, but since they also share the 11Mbps bandwidth, a practical limit may be 6 to 10 users depending on usage.	v t h	499.00
15139-12	Wireless LAN Access Point D-Link 802.11 The 15139 can be configured to perform in any one of four modes - as a wireless access point, as a point-to-point bridge with another access point, as a point-to-multi-point wireless bridge, or as a wireless client. It also includes an embedded DHCP server that once enabled will automatically assign.	ı	209.00

IP addresses to wireless clients.

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Networking - Wi	reless
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11439-12	Wireless LAN Access Point w 802.1x & TK Don't have line of sight between your end points? Just position a centre access point with line of sight to each end and this will repeat any received data to the other end. It is an IEEE 802.11g, high data rate,	144.55	159.00
	standard compatible access point. It supports an IEEE 802.3 10BaseT and 100BaseTX port for easy interfacing to an Ethernet backbone and contains a direct console port for local configuration. HTML for Web management is also supported. The product uses Direct Sequence Spread Spectrum Technology for immunity to interference. The Access Point is a key component of a wireless network, in that it connects the wireless stations to the distribution system in a network. This model supports Infrastucture, Point to Point Bridging and Point to Multi Point Bridging with Repeat configurations. Either WEP-64, WEP-128 (Wired Equivalent Privacy) or no encryption may be selected in the configuration. Theoretically 128 users can connect to the access point, but since they all share the 11Mbps bandwidth, a practical limit may be 6 to 10 users depending on usage.		
11391-12	Wireless LAN Antenna 2 Way Splitter This 2.4GHz outdoor unit allows two antennas to be connected to one transmitter. Insertion loss is 0.4dB. Connectors are N Type female with gold pins.	90.00	99.00
11378-12	Wireless LAN Antenna 95 deg Directional Provides a suitable antenna for an access point in Infrastructure mode or Point to Multi Point mode. It is a high gain resonant wave guide slot antenna specifically designed to operate in the 2.4GHz range with horizontal polarisation only. It is manufactured from rigid aluminium extrusion with a single sided 4 slot construction. This gives it a gain of 12dBi. It has a 50 ohm passive feed and has a Type N female connector.	662.73	729.00
11460-12	Wireless LAN Antenna 95 deg Directional This wave guide style antenna is suitable for access points in Infrastructure mode or Point to Multi Point mode. It is a high gain resonant wave guide slot antenna specifically designed to operate in the 2.4GHz range with horizontal polarisation only. It is manufactured from rigid aluminium extrusion with a single sided 12 slot construction. This gives it a gain of 16.5dBi. It has a 50 ohm passive feed and has a Type N female connector.	0.00	0.00
11350-12	Wireless LAN Antenna Directional - 15 d A high gain antenna specifically designed to operate in the 2.4GHz range with highly directional characteristics. It is a parabolic grid type antenna of a wire welded construction with gain of 15 dBi. The reflector dimensions are approximately 290mm x 350mm. The passive feed dipole has a Type N female connector.	180.91	199.00
11351-12	Wireless LAN Antenna Directional - 19 d A high gain antenna specifically designed to operate in the 2.4GHz range with highly directional characteristics. It is a parabolic grid type antenna of a wire welded construction with gain of 19 dBi. The reflector dimensions are approximately 420mm x 600mm. The passive feed dipole has a Type N female connector.	199.09	219.00
11364-12	Wireless LAN Antenna Directional - 25 d A high gain antenna specifically designed to operate in the 2.4GHz range with highly directional characteristics. It is a parabolic grid type antenna of a wire welded construction with gain of 25 dBi. The reflector dimensions are approximately 710mm x 825mm. The passive feed dipole has a Type N female connector.	271.82	299.00
11419-12	Wireless LAN Antenna Directional 26 dBi A high gain antenna specifically designed to operate in the 5.8GHz range with highly directional characteristics. It is a parabolic grid type antenna of a wire welded construction with gain of 26 dBi. The reflector dimensions are approximately 520mm x 450mm. The passive feed dipole has a Type N female connector.	426.36	469.00
11442-12	Wireless LAN Antenna Directional 26 dBi A high gain antenna specifically designed to operate in the 5.8GHz range with highly directional characteristics. It is a parabolic grid type antenna of a wire welded construction with gain of 26 dBi. The reflector dimensions are approximately 520mm x 450mm. The passive feed dipole has a Type N female connector.	390.00	429.00
11367-12	Wireless LAN Antenna Directional Panel A medium gain antenna designed for WISP CPE applications. It is a panel design and has dimensions of 100mm x 100mm x 28mm with an SMA female antenna connection. It operates in the 2.4GHz ISM band. It includes a U clamp mounting backet for 50mm mast	117.27	129.00
11467-12	Wireless LAN Antenna Directional Panel Provides a suitable antenna for an access point in Infrastructure mode or Point to Multi Point mode. It is an 12dB, vertically polarised designed to operate in the 2.4GHz range. It has a 50 ohm passive feed and has a Type N female connector.	99.09	109.00
11431-12	Wireless LAN Antenna Directional Panel A medium gain antenna designed for WISP CPE applications. It is a panel design and has dimensions of 240mm x 180mm x 60mm with an N female antenna connection. It operates in the 2.4GHz ISM band. It includes a U clamp mounting backet for 50mm mast	226.36	249.00
11470-12	Wireless LAN Antenna Directional Panel A medium gain antenna designed for WISP CPE applications. It is a panel design and has dimensions of 240mm x 180mm x 60mm with an N female antenna connection. It operates in the 2.4GHz ISM band. It includes a U clamp mounting backet for 50mm mast	226.36	249.00

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Networking	- Wireless		_
11468-12	Wireless LAN Antenna Directional Panel Provides a suitable antenna for an access point in Infrastructure mode or Point to Multi Point mode. It is an 16dB, vertically polarised designed to operate in the 2.4GHz range. It has a 50 ohm passive feed and has a Type N female connector.	117.27	129.00
11430-12	Wireless LAN Antenna Directional Panel Provides a suitable antenna for an access point in Infrastructure mode or Point to Multi Point mode. It is an 8dB, vertically polarised designed to operate in the 2.4GHz range. It has a 50 ohm passive feed and has a Type N female connector.	108.18	119.00
11454-12	Wireless LAN Antenna Field Adustable 12 A sector antenna that can be field adjustable in terms of gain (12 to 18dBi) and beamwidth (60 to 120 degree). It has an N female connector.	362.73	399.00
11453-12	Wireless LAN Antenna Omni Directional - Provides a suitable antenna for an access point in Infrastructure mode or Point to Multi Point mode. It is a 12dBi, vertically polarised designed to operate in the 2.4GHz range. It has a 50 ohm passive feed and has a Type N female connector.	180.91	199.00
11393-12	Wireless LAN Antenna Omni Directional - Provides a suitable antenna for an access point in Infrastructure mode or Point to Multi Point mode. It is an 8dB, vertically polarised designed to operate in the 2.4GHz range. It has a 50 ohm passive feed and has a Type N female connector.	126.36	139.00
11420-12	Wireless LAN Antenna Omnidirectional 11 An omnidirectional antenna specifically designed to operate in the 5.8GHz range of the 802.11a standard. dimensions are approximately 700mm x 25mm dia. It has a Type N male connector.	362.73	399.00
11441-12	Wireless LAN Antenna Omnidirectional 8d An omnidirectional antenna specifically designed to operate in the 5.8GHz range of the 802.11a standard. It has a Type N female connector.	362.73	399.00
11387-12	Wireless LAN AP - Bridge 22 Mbps D-LINK This 802.11b compliant Access Point offers a versatile wireless Solution with a maximum bandwidth of 22Mbps (with Airplus products). WEP Encryption is included for added network protection.	190.00	209.00
11416-12	Wireless LAN Booster Amplifier 2.4GHz 0 Boost the output of your base station to the maximum allowed by the ACA. Ideal for Wireless ISPs. The ACA allows a maximum of 4 Watts EIRP, you need to do your sums to select the right antenna/amplifier combination. A 10 km to 15 km range is possible.	490.00	539.00
11443-12	Wireless LAN Card PCI 802.11g 32/64 bBc An economical Wireless LAN card which is complete with an integral wireless transmitter/receiver, ie it can't be removed separately. A dipole antenna is included for attachement to the card or alternatively a higher gain antenna can be connected via the reverse SMA connector. It has a 32 bit PCI BUS and is 64 bit BUS compatible (bBc).	90.00	99.00
11457-12	Wireless LAN Ceiling Antenna Directiona Provides a ceiling mounted antenna with a directional beam. Ideal for siting at the edge of a building. It is an 8dB, vertically polarised antenna designed to operate in the 2.4GHz range. It has a 50 ohm passive feed and has a Type N female connector.	144.55	159.00
11458-12	Wireless LAN Ceiling Antenna Omni 6dBi Provides a ceiling mounted antenna with an omnidirectional beam. It is a 6dB, vertically polarised antenna designed to operate in the 2.4GHz range. It has a 50 ohm passive feed and has an SMA female connector.	162.73	179.00
11377-12	Wireless LAN Compact Flash Card Wireless LAN Compact Flash (CF) card complying with 802.11b and suitable for use with PDAs.	235.45	259.00
11440-12	Wireless LAN Customer Premises Equipmen	544.55	599.00
15145-12	Wireless LAN D-Link PCI Adapter DWL-G52 The D-Link AirPlus DWL-520+ is an enhanced 802.11b wireless PCI adapter featuring advanced silicon chip design from Texas Instruments that utilizes their patented Digital Signal ProcessingTM technology. The DWL-520+ is fully compatible with the IEEE 802.11b standard making it interoperable with all existing 802.11b compliant devices. When the DWL-520+ is connected to standard 802.11b devices, transfer rates can be up to 20% faster. When connected to other D-Link AirPlus products, the performance is even greater - up to 22Mbps!	144.55	159.00
15146-12	Wireless LAN D-Link PCMCIA Card 802.11g	99.09	109.00
11418-12	Wireless LAN Mini PCI adapter 802.11a+g A wireless mini PCI card that operates in the 2.4GHz and 5.8GHz range. It is compatible with 802.11a/b and g.	144.55	159.00
11375-12	Wireless LAN PC Card Station Adapter In This PCMCIA Wireless Station Adapter will fit straight into your notebook PCMCIA slot.	180.91	199.00

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Network	king - Wireless		
11388-12	Wireless LAN PCI Adapter 22Mbps DWL-520 Allows a PCMCIA station adapter to be connected to a computer via a PCI slot. This 802.11b compliant device offers a versatile wireless Solution with a maximum bandwidth of 22Mbps (with Airplus products). WEP Encryption is included for added network protection.	180.91	199.00
11373-12	Wireless LAN PCMCIA Station Adapter 100 This PCMCIA Wireless Station Adapter is suitable for remote stations in Wireless ISPs (WISP) applications. It has a full 100mW output and reverse MMCX connections for external antennas. Cat No 9151 will convert to N Female. Please note that whilst we attempt to maintain stock of this item, if we are out of stock there is up to six weeks lead time.		139.00
11374-12	Wireless LAN PCMCIA Station Adapter 200 This PCMCIA Wireless Station Adapter is suitable for remote stations in Wireless ISPs (WISP) applications. It has a full 200mW output and reverse MMCX connections for external antennas. Cat No 9151 will convert to N Female. Please note that whilst we attempt to maintain stock of this item, if we are out of stock there is up to six weeks lead time.		149.00
11343-12	Wireless LAN PCMCIA Station Adapter Ext This Wireless Station Adapter is an IEEE802.11b high-speed PCMCIA card with an external antenna. It fully supports data rate of 11Mbps, 5.5Mbps, 2Mbps and 1Mbps. Using Direct Sequence Spread Spectrum technology for immunity to interference. It is easy to install on computers that have a PCMCIA type II slot. The adapter has an SCX connector to attach the antenna. The typical operating range indoors is as follows: 30m @ 11Mbps, 50m @ 5.5Mbps, 100m @ 2Mbps, 120m @ 1Mbps.		189.00
11344-12	Wireless LAN PCMCIA to PCI Adapter Allows a PCMCIA station adapter to be connected to a computer via a PCI slot.	117.27	129.00
11389-12	Wireless LAN Surge Protector 50 Ohm Reduce the chances of lightning damage to your wireless LAN installation. Our surge protector connects between an external antenna and an amplifier or Access Point to shunt any surges to earth. It has N type female connectors on both sides and has an insertion loss of less than 0.1dB.		69.00
11372-12	Wireless LAN to Ethernet Bridge Wireless network your Xbox, GameCube or PlayStation 2 to play games with your friends. The Ethernet to Wireless bridge allows any network device to be wireless enabled. It allows network printers, scanners etc. to join your wireless network. It supports both ad-hoc and infrastructure modes. Web based configuration provides for easy installation and setup. It supports 802.11b networks and has an integral antenna (not suitable for use with a wired external antenna).	235.45	259.00
11466-12	Wireless LAN to Ethernet Bridge Senao Access point that supports 802.11b/g, client seperation, bridge mode, ap mode, advanced encryption. Ideal for Point to Point links or WISP CPE. Can also be used to Wireless network your Xbox, GameCube or PlayStation 2 to play games with your friends. The Ethernet to Wireless bridge allows any network device to be wireless enabled. It allows network printers, scanners etc. to join your wireless network. It supports both ad-hoc and infrastructure modes. Web based configuration provides for easy installation and setup. It supports 802.11b networks and has an integral antenna (not suitable for use with a wired external antenna).	271.82	299.00
11438-12	Wireless LAN USB Dongle 802.11b Plug this dongle into the USB port of a PC or Laptop to access a wireless network.	62.73	69.00
11345-12	Wireless LAN USB Station Adapter A wireless LAN station adapter which connects to a computer via a USB port.	153.64	169.00
11461-12	Wireless LAN USB Station Adapter 6dBi A 802.11g wireless LAN station adapter which connects to a computer via a USB port and has a built-in high gain antenna	108.18	119.00
11452-12	Wireless POE Kit for 11424	0.00	0.00
11434-12	Wireless USB Adapter 802.11b Wireless USB Adapter with complete set of industry standards, which fully supports high data rate up to 11Mbps, 5.5Mbps, 2Mbps and 1Mbps by using Direct Sequence Spread Spectrum (DSSS) technology.	126.36	139.00
Paper -	Paper		
5836-12	4Mag Card Printer - Colour - Persona C2 Dual Sided, High Performance, High resolution, Edge-to-Edge printing for unlimited design possibilities. The Persona C25 Mid-range card printer with 100-card hopper and LCD panel (showing printer status) offers proven reliability.		8999.00
13052-12	Bar Code Printer Labels Th Dir 29x25mm 1,100 per roll	80.00	88.00
13053-12	Bar Code Printer Labels Th Dir 40x20mm 1,300 per roll	11.82	13.00
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13054-12	Bar Code Printer Labels Th Dir 60x35mm 800 per roll	159.09	175.00
13051-12	Bar Code Thermal Tfr Printer Labels 29x 2,500 per roll	62.73	69.00
5792-12	Canon 6in x 4in Photo Cards for Bubblej Professional quality Photo Cards - for borderless 6in x 4in prints. 20 Sheets per pack.	22.73	25.00
5776-12	CANON A3 Glossy Photo Paper - 165 GSM Photo quality, superwhite, 160gsm, satin/photo finish, ideal for business cards, photos, signs. 20 SHEETS per pack.	35.45	39.00
5777-12	CANON A3 High Resolution Paper - 110gsm Superwhite, 110gsm, photo quality, Best Matte finish available for BubbleJet/InkJet printers.	16.27	17.90
13032-12	Canon A3 size cut sheet Coated Paper 20	118.18	130.00
5431-12	Canon A4 Glossy Paper for BubbleJet Pri 20 Sheets. 145gsm, waterfast, sati finish - Ideal for Greeting/Business cards, signs. Suits ALL Bubble Jet & Ink Jet Printers.	40.45	44.50
5432-12	Canon A4 Glossy Photo Paper for BubbleJ 20 Sheets. 165gsm, photo quality, waterfast, satin finish - Ideal for Photos, Greeting/Business cards, signs. Suits ALL Bubble Jet & Ink Jet Printers.	20.45	22.50
5358-12	Canon A4 High Res Paper 200 sheets For bright photo and graphic output. 200 sheets.	32.95	36.25
5467-12	Canon A4 High Res Paper 50 sheets Superwhite, 110gsm, photo quality, BEST MATT FINISH AVAILABLE FOR BUBBLE/INK JET PRINTERS. 50 Sheets.	12.73	14.00
5359-12	Canon A4 High Water Resistant Paper 80g Water resistant plain paper - 80gsm - can be printed on both sides. For BJ-30 & BJC-70/210/4000/4100/600/610 printers. 50 sheets.	29.55	32.50
5796-12	Canon Professional Photo paper 250gsm Highest quality photo paper for Bubble Jet printers.	26.36	29.00
NFR1026-12	Hanging Files Foolscap Blue Pkt25 Cryst	29.09	32.00
13023-12	Labels 28mm x 89mm 130 per roll For Sei For use in Seiko 200 Series. 12 rolls per box. Standard address label.	14.36	15.80
13050-12	Labels 35mm SLIDE LABELS 11.11x38.10, 300 Labels per roll. For use with Smartlabel PRO & 220 Models.	8.18	9.00
13070-12	Labels 38mm x 89mm 260 per rolls for Se For use in Seiko 200 series. 2 rolls per box.	53.64	59.00
13048-12	Labels 4.92x7 NAME BADGE - Blue For use in Seiko Smart Label Pro.	21.91	24.10
13045-12	Labels 5.4x7 DISK LABEL for 3.5in For use in Seiko Smart Label Pro.	38.41	42.25
13068-12	Labels 54mm x 101mm 220 per roll For S For use in Seiko 200 series. I roll per box.	40.91	45.00
13024-12	Labels 54mm x70mm 320 per roll For Seik For use in Seiko 200 series. I roll per box.	50.00	55.00
13034-12	Labels 54mm x70mm RED 160 per roll For For use in Seiko 200 series. I roll per box.	31.82	35.00
13066-12	Labels 57x25mm Citizen CBM253 Direct Th 800 Labels per roll	40.91	45.00
13072-12	Labels 76mm x 25mm 2000 label per roll For use in Star TSPxxx Printers	71.82	79.00
13073-12	Labels 76mm x 48mm 1250 label per roll For use in Star TSPxxx Printers	62.73	69.00
13059-12	Labels MULTI PURPOSE LABEL 220x 2 rolls For use in Seiko Smart Label 120 and 220 printers	8.18	9.00
13037-12	Labels Thermal Transfer 70mm x 23mm 200	53.64	59.00
5840-12	Mag Card Printer - Colour - Persona C11 Let the Persona C11 bring personality to your card printing needs! With their small footprint, they fit easily on any desktop and are light enough to be taken anywhere. Quiet operation means they're always unobtrusive even when you're on the phone.	3635.45	3999.00
NFR1022-12	MARBIG Twin Wire Notebook A5	7.27	8.00
13074-12	Paper Roll 57mmx57mm These are shipped in boxes of 24.	1.73	1.90
13055-12	Paper Roll 60x80 Thermal	5.45	6.00
13056-12	Paper Roll 80x80 Thermal	5.27	5.80

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13035-12	Paper Roll Dual Ply 76mmx76mm Box of 50	3.32	
	SAMSUNG SRP100/200/270	0.02	3.68
13022-12	Paper Roll Dual Ply 76x76	4.36	4.80
8980-12	Paper Roll for 8976 203x80 single ply Paper roll for our 8976. Measurements are 203mm round by 80mm wide.	63.64	70.00
13069-12	Paper Roll Single Ply 57x57	1.45	1.60
13020-12	Paper Roll Single Ply 60x60 Thermal	4.23	4.65
13025-12	Paper Roll Single Ply 70x70 Plain For Citizen DP-575, iDP-56x, CBM-500 series.	2.05	2.25
13021-12	Paper Roll Single Ply 76x76 For Citizen IDP-3xxx, IDP 460, CBM-700 series & DP-61x, SAMSUNG SRP100/200/270	2.00	2.20
13071-12	Paper Roll Thermal 57mmx57mm These are shipped in boxes of 24.	2.27	2.50
13036-12	Paper Roll Triple Ply 76mmx76mm To suit SAMSUNG SRP100/200/270. White, Pink & Yellow	144.55	159.00
NFR1027-12	Papermate Pen Flexigrip FINE Blue	29.09	32.00
NFR1025-12	Plastic Document Tray Solid Base Black	10.91	12.00
NFR1028-12	Self Inking Confirmation Stamp RED	20.00	22.00
PDA - Palm	<u> </u>		
18116-12	Compaq Ipaq USB Sync Charger This USB Sync Charger lets you synchronize and charge your Compaq iPAQ H3800 series handheld with the same cable. Now you can transfer your data without a bulky cradle and charge through any powered USB port. The kit also includes a USB cigarette lighter adapter that converts the cable for use in your vehicle.	26.36	29.00
18122-12	Handheld XDAII Pocket PC & DSM Phone XDAII is a combined PDA with tri band GPRS GSM phone.	1090.00	1199.00
18111-12	Palm Tungsten T Series 3 Pack Pencils	44.55	49.00
18113-12	Palm Tungsten T Series Hard Case	99.09	109.00
18119-12	Palm Tungsten T Series Recharging Hot S	80.91	89.00
18115-12	Palm Tungsten T Series Screen Overlays	30.00	33.00
18112-12	Palm Tungsten T Series Travel Charger	112.73	124.00
18120-12	Palm Tungsten T3	626.36	689.00
18124-12	XDAII Mini USB data cable IDEAL FOR SYNCHRONIZING XDAII MINI & COMPUTER TERMINAL WHILE ON THE MOVE	31.77	34.95
	COMPATIBILITY: XDAII MINI integrated Pocket PC & GSM phone Xphone 2 Smartphone		
18125-12	XDAII Stylus 3 Pack XDAII Stylus, Pack of 3	30.91	34.00
Plugs & So	ockets - BNC		
11217-12	BNC Joiner Female/Female Join cable with this BNC female to female joiner.	8.18	9.00
11210-12	BNC Plug Male BNC crimp plug. For making your own BNC cable.	5.05	5.55
11209-12	BNC Tee Connector BNC T adapter - 1 Male to 2 Female.Female/Male/Female You will need to attach a T to all your network cards in your thinnet configuration. The BNC cable attaches to the T from computer to computer. You must also attach a terminator to the T at each end of the network.	4.23	4.65
11208-12	BNC Terminator BNC terminator plug to terminate BNC sockets with a 50 ohm resistor. Use to terminate each end of your BNC (10Base-2) thinnet network.	8.50	9.35
11218-12	Crimp Tool BNC plug Professional hex/oval type ratchet crimping tool for crimping F, BNC, N, TEFLON, THINNET-PVC and Fibre Optic connectors.	93.64	103.00
11222-12	RCA Plug to BNC Female Adapter	3.55	3.90
	aketa D Compostore		
Plugs & So	ockets - D Connectors		

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Plugs & Sockets - D Connectors

15154-12	Connector Reverse Polarity SMA Plug to	24.55	27.00
	This is a straight through metal adapter. No cable is involved, hence RF losses are substantially reduced.		
	sma/Reverse Sma connectors are notoriously difficult to identify.		
	This adapter can be identified in the following (equivalent) ways:		
	. Reverse Polarity SMA Plug to to N Jack.		
	. Reverse SMA to N female SMA with outer female nut and female centre pin to N with outer male thread and centre female pin.		
	Check out the photos		
	That said, it is suitable to allow connection of LMR400 coax cable with an N male connector to the appropriate models of the following brands of Access Points. ie the model must have an external		
	antenna connector (removable antenna). A lot don't. Netgear, DLink, Linksys and Zcom.		
15119-12	Connector Reverse SMA Female for RG58 C	10.82	11.90
15125-12	Connector type N Female for LMR400 (Cat	13.64	15.00
15127-12	Connector type N Female for RG58 (Cat 9	18.18	20.00
15112-12	Connector type N Male for LMR400 (Cat 9	13.64	15.00
15128-12	Connector type N Male for RG58 (Cat 912	13.64	15.00
15032-12	DB15 High Density F/Male Solder Connect	4.23	4.65
15021-12	DB15 High Density Female Socket & Shell	6.05	6.65
15019-12	DB15 High Density Male Plug & Shell	6.05 4.23	6.65
15031-12 15068-12	DB15 High Density Male Solder Connector DB25 Female Connector and Shell	4.23	4.65 4.65
15066-12	DB25 Female Solder Connector	4.23	4.65
15069-12	DB25 Male Connector and Shell	4.23	4.65
15065-12	DB25 Male Solder Connector	4.23	4.65
15067-12	DB25 Shell	1.36	1.50
15083-12	DB37 Male Solder Connector	6.05	6.65
15084-12	DB37 Shell	1.45	1.60
15043-12	DB9 female solder connector & Backshell	3.41	3.75
15044-12	DB9 Male solder connector & Backshell	3.41	3.75
15033-12	DB9/DB15 High Density Backshell	2.59	2.85
15059-12	PS/2 6 Pin Mini Din Female Plug	4.41	4.85
15060-12	PS/2 6 Pin Mini Din Male Plug	4.41	4.85
15120-12	SMA Reverse Cable for Wireless LAN Acce	31.82	35.00
Plugs & S	ockets - DIN		
15026-12	DIN Connector 5 Pin Female	4.23	4.65
15027-12	DIN Connector 5 Pin Male	4.23	4.65
Plugs & S	ockets - IDC		
15051-12	IDC 'D' Flat Ribbon 25 Pin Plug	6.86	7.55
15052-12	IDC 'D' Flat Ribbon 25 Pin Socket	6.86	7.55
15001-12	IDC 20 way edge connector	2.50	2.75
15003-12	IDC 20 way line socket	2.50	2.75
15002-12	IDC 34 way edge connector	3.64	4.00
15000-12	IDC 40 way line socket	4.18	4.60
15005-12	IDC 50 way line socket	3.59 10.91	3.95
15010-12	IDC D-SUB 68pin Male Connector 68 pin high density IDC (Insulation Displacement Connector) D Connector for .635mm pitch cable.	10.91	12.00
Plugs & S	ockets - Miscellaneous		
X1376-12	Stereo Plug 3.5mm	2.18	2.40
Plugs & S	ockets - Modular		
15105-12	606 Plug to Mod Socket RJ12 6P46C	5.00	5.50
15009-12	Crimp Tool Modular Plug 6 Wire	80.00	88.00
15011-12	EModular plug RJ45 Cable Joiner Female	5.95	6.55

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X1042-12	Modular Plug RJ45 8P8C Flat Connector	0.91	1.00
15006-12	Modular telephone plug 4 wire RJ11 4P4C For solid conductor.	1.18	1.30
15012-12	Modular telephone plug 6 wire RJ12 6P4C	1.77	1.95
15007-12	Modular telephone plug 6 wire RJ12 6P6C For solid conductor	1.77	1.95
POS Equip	ment - Cash Drawers		
1008167-12	POS Cash Drawer - GC36 - Black	180.91	199.00
1008156-12	POS Cash Drawer - Replacement Lock and Lost the keys? This is a relacement lock and key for our cashdrawer, Part No 8897. Check the lock - is it 3 digit or 4 digit?	0.00	0.00
1008157-12	POS Cash Drawer - Replacement Lock and Lost the keys? This is a relacement lock and key for our cashdrawer, Part No 8897. Check the lock - is it 3 digit or 4 digit?	0.00	0.00
9176-12	POS Cash Drawer - RS232 RS232 Cash Drawer, uses an external plug pack to power the release coil. It is triggered by sending a string of characters out the serial port DB9	299.09	329.00
1008183-12	POS Cash Drawer Black Printer Driven 410mm x 415mm x 100mm	190.00	209.00
1008161-12	POS Cash Drawer CASIO	290.00	319.00
8781-12	POS Cash Drawer Citizen CBM4085DR 8 coin drawer/5 note for IDP35xx series printers, key to the drawer to open it in case of Power Failure. 1.5m Cable with Connector (modular) to Connect to the iDP-35xx Series printers.	199.09	219.00
8816-12	POS Cash Drawer Citizen CBM4085 insert Spare insert for the CBM4085DR cash drawer.	81.82	90.00
8665-12	POS Cash Drawer Citizen I/F 9 pin Seria Trigger module to connect solenoid operated cash drawers and cable.	99.09	109.00
8897-12	POS Cash Drawer Epson/Star/Citizen Prnt A robust metal construction casing with a pearl white ABS facia with a slip deposit slot. The bill tray is of heavy duty ABS construction with adjustable dividers for four or five compartments for notes along with spring loaded bill clips. A separate coin tray (8/9 compartments for coin), removable from the bill tray, has adjustable dividers. The drawer is operated by solenoid or manually with a key. Solenoid operation is 24 Volt via an RJ12 connector (Epson/Star SP200, 300 & 400 series/Citizen printer compatible). Not suitable for use with Star DP8340. Overall dimensions are 420(W) x 440(L) x 105(H).	180.91	199.00
9279-12	POS Cash Drawer Posiflex 3100 Parallel Screwless secured design. Three position lock. Cheque slot, supplied with 1 mtr modular connector (RJ12) cable to connect to your printer. Dimensions 400mm (W) x 420mm (D) x 90mm (H) Also available in Charcoal.	200.00	220.00
9279BLK-12	POS Cash Drawer Posiflex 3100 Parallel Screwless secured design. Three position lock. Cheque slot, supplied with 1 mtr modular connector (R112) cable to connect to your printer. Dimensions 400mm (W) x 420mm (D) x 90mm (H) Also available in Charcoal.	200.00	220.00
9240-12	POS Cash Drawer Posiflex 4100 Mounting Used for attaching cash drawer to the underside of a counter/desk etc.	71.82	79.00
9222-12	POS Cash Drawer Posiflex 4100 Parallel Screwless secured design. Three position lock. Cheque slot, supplied with 1 mtr modular connector (RJ12) cable to connect to your printer. Dimensions 428mm (W) x 460mm (D) x 100mm (H) Also available in Charcoal.	226.36	249.00
9222BLK-12	POS Cash Drawer Posiflex 4100 Parallel Screwless secured design. Three position lock. Cheque slot, supplied with 1 mtr modular connector (RJ12) cable to connect to your printer. Dimensions 428mm (W) x 460mm (D) x 100mm (H) Also available in Charcoal.	226.36	249.00
9247-12	POS Cash Drawer Posiflex Slimline Seria Dimensions 400mm (w) x 410mm (d) x 85mm (h)	317.27	349.00
9235-12	POS Cash Drawer SERIAL Posifiex FCR-410 Security code for multiple drawers, Innovative Screwless Design, Three Position Lock, Cheque Slot, (USB Integration Driver Software Supplied) 428 (W) x 460 (D) x 100mm (H)includes 1.5m serial cable DB9	268.18	295.00
9224-12	POS Cash Drawer USB Posiflex FCR-4104 Security code for multiple drawers, Innovative Screwless Design, Three Position Lock, Cheque Slot, (USB Integration Driver Software Supplied) 428 (W) x 460 (D) x 100mm (H)	290.00	319.00
9262-12	POS Cash Drawer USB Posiflex FCR-4105C Security code for multiple drawers, Innovative Screwless Design, Three Position Lock, Cheque Slot, (USB Integration Driver Software Supplied) 428 (W) x 460 (D) x 100mm (H) Colour Charcoal	290.00	319.00

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POS	6 Equ	ipment	- Cash	n Drawers
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POS GST Bundle - QuickPOS Serial Printe Our Point of Sale bundle includes a Citizen serial printer (as required by QuickPOS), a cash drawer and	871.82	959.00
our very popular CCD bar code scanner. The printer (Cat No 5695) connects to a serial port on a PC. The cash drawer (Cat No 8897) connects to, and is triggered from the printer. Finally, the CCD scanner (Cat No 8698) connects between the keyboard and the computer (keyboard wedge). Just add a PC and QuickPOS and stir well for a complete POS system.		
POS GST Bundle - Retail Manager Our Point of Sale bundle includes a Citizen parallel printer (as required by MYOB Retail Manager), a cash drawer and our very popular CCD bar code scanner. The printer (Cat No 5695) connects to a parallel port on a PC. The cash drawer (Cat No 8897) connects to, and is triggered from the printer. Finally, the CCD scanner (Cat No 8698) connects between the keyboard and the computer (keyboard wedge). Just add a PC and MYOB Retail Manager and stir well for a complete POS system.	762.73	839.00
POSIFLEX Bundle - Retail Manager MYOB Our Point of Sale bundle includes a Posiflex 7000 parallel printer (as required by MYOB Retail Manager), a Posiflex 3100 cash drawer and a Posiflex CD2860 barcode scanner. The printer (Cat No 5855) connects to a parallel port on a PC. The cash drawer (Cat No 9279) connects to, and is triggered from the printer. Finally, the CCD scanner (Cat No 9225) connects between the keyboard and the computer (keyboard wedge). Instand a PC and MYOB Retail Manager and stir well for a complete POS system.	844.55	929.00
	Our Point of Sale bundle includes a Citizen serial printer (as required by QuickPOS), a cash drawer and our very popular CCD bar code scanner. The printer (Cat No 5695) connects to a serial port on a PC. The cash drawer (Cat No 8897) connects to, and is triggered from the printer. Finally, the CCD scanner (Cat No 8698) connects between the keyboard and the computer (keyboard wedge). Just add a PC and QuickPOS and stir well for a complete POS system. POS GST Bundle - Retail Manager Our Point of Sale bundle includes a Citizen parallel printer (as required by MYOB Retail Manager), a cash drawer and our very popular CCD bar code scanner. The printer (Cat No 5695) connects to a parallel port on a PC. The cash drawer (Cat No 8897) connects to, and is triggered from the printer. Finally, the CCD scanner (Cat No 8698) connects between the keyboard and the computer (keyboard wedge). Just add a PC and MYOB Retail Manager and stir well for a complete POS system. POSIFLEX Bundle - Retail Manager MYOB Our Point of Sale bundle includes a Posiflex 7000 parallel printer (as required by MYOB Retail Manager), a Posiflex 3100 cash drawer and a Posiflex CD2860 barcode scanner. The printer (Cat No 5855) connects to a parallel port on a PC. The cash drawer (Cat No 9279) connects to, and is triggered from the printer. Finally, the CCD scanner (Cat No 9225) connects between the keyboard and the computer (keyboard	Our Point of Sale bundle includes a Citizen serial printer (as required by QuickPOS), a cash drawer and our very popular CCD bar code scanner. The printer (Cat No 5695) connects to a serial port on a PC. The cash drawer (Cat No 8897) connects to, and is triggered from the printer. Finally, the CCD scanner (Cat No 8698) connects between the keyboard and the computer (keyboard wedge). Just add a PC and QuickPOS and stir well for a complete POS system. POS GST Bundle - Retail Manager Our Point of Sale bundle includes a Citizen parallel printer (as required by MYOB Retail Manager), a cash drawer and our very popular CCD bar code scanner. The printer (Cat No 5695) connects to a parallel port on a PC. The cash drawer (Cat No 8897) connects to, and is triggered from the printer. Finally, the CCD scanner (Cat No 8698) connects between the keyboard and the computer (keyboard wedge). Just add a PC and MYOB Retail Manager and stir well for a complete POS system. POSIFLEX Bundle - Retail Manager MYOB Our Point of Sale bundle includes a Posiflex 7000 parallel printer (as required by MYOB Retail Manager), a Posiflex 3100 cash drawer and a Posiflex CD2860 barcode scanner. The printer (Cat No 5855) connects to a parallel port on a PC. The cash drawer (Cat No 9279) connects to, and is triggered from the printer. Finally, the CCD scanner (Cat No 9225) connects between the keyboard and the computer (keyboard wedge).

POS Equipment - Cash Registers

1008139-12	POS Cash Register Scanning Sharp ER-A45 This cash register comes standard with 20-50 raised departments, 500 PLU, 99 clerks, space saving cash drawer 3 note flat/2 note upright/8 coin, customer display, 2 station dot matrix alpha printer, one standard RS-232 port. Drawer dimensions: 355(W) x 424(D) x 120mm(H) Paper rolls to suit this register 44 x 76mm.	1362.73	1499.00
1008129-12	POS Cash Register Sharp XE-A101 Affordable ECR for small retail and speciality stores. Large highly visible operator display. Automatic GST registration and reporting. 8 departments standard. 50 PLU's standard. 4 tax rates. Auto rounding of cash sale total. Battery backup for memory protection.	262.73	289.00
1008138-12	POS Cash Register Thermal Sharp XE-A202 This cash register comes standard with 16 fixed departments, 17-32 shift departments, 1200 PLU, 15 Clerks, Customer display, 1 Station Thermal Alpha Printer, One standard RS-232 port, Space saving cash drawer 3 note flat/1 Note Upright/7 Coin. Drawer dimensions: 338(W) x 425(D) x 120mm(H). This regsiter requires thermal paper rolls 57 x 57mm.	535.45	589.00
1008176-12	POS Cash Register Thermal Sharp XE-A212 The Sharp XE-A212 electronic cash register is an ideal cash register for small restaurants and cafes and offers a wide array of features designed to make your business run smoothly. The new "drop-in" paper loading system ensures that your customers don't have to wait long when the paper roll runs out, while the clear operator and customer displays help ensure the accuracy of each transaction.	708.18	779.00
1008184-12	POS Cash Register X Cable Serial	86.36	95.00

POS Equipment - Displays			
9213-12	POS Customer Display - Posiflex PD2200 The Posiflex PD-2200 pole display has all the versatile features of the PD-2100 but comes with a wide base for stand-alone applications. It has a serial pass-through interface. The Posiflex PD-2200 display slides horizontally left and right, and rotates 360°, with an adjustable pole height	362.73	399.00
8728-12	POS Customer Display - Serial Connectio This customer display is designed for POS application and is driven from the serial port. It has a vacuum fluorescent display with two lines of 20 characters. The characters are 11.25mm high. Operates correctly with Digi-Till (many don't).	326.36	359.00
8907-12	POS Customer Display - Serial Connectio This customer display is designed for POS application and is driven from the serial port. It has a vacuum fluorescent display with two lines of 20 characters. The characters are 9mm high. Operates correctly with Digi-Till (many don't).	244.55	269.00
4670-12	POS Digital Monitor A122D Black solid die cast aluminium casing. 12.1" 800 x 600 TFT colour LCD display. Height 290mm x width 360mm. Display height 240mm. Display tilt 90 deg upright to 130 deg flat. Also available in silver.	1859.09	2045.00

FreeFax 1 800 625 777

LVDS & VGA interface card included with this model.

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POS Equi	ipment - D	isplays
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4673-12	POS Digital Monitor with Touch Screen A Digital monitor with Touch Screen. LVDS & VGA interface card included. Black solid die cast aluminium casing. 12.1" 800 x 600 TFT colour LCD display. Height 290mm x width	2108.18	2319.00
4675-12	360mm. Display height 240mm. Display tilt 90 deg upright to 130 deg flat. Also available in silver. POS Touch Screen Terminal with Pole Dis Solid die cast aluminium casing, 12.1" TFT colour LCD Diplay. Celeron CPU 850mhz, 128Mb ram. ELO accutouch 5 wire resistance touch screen. Uses 3.5" internal hard disk. Supports all standard PC operating systems. 4 serial ports, 1 parallel port, 2 USB ports, keyboard port, mouse port, Network 10/100, VGA port, cash drawer port, audio port, CDROM port, FDD port.Internal rubber gasket for better protection against spillage. Black is the standard colour but is also available in silver.	4300.00	4730.00
4671-12	POS VGA Monitor A122A Black solid die cast aluminium casing. 12.1" 800 x 600 TFT colour LCD display. Height 290mm x width 360mm. Display height 240mm. Display tilt 90 deg upright to 130 deg flat. Also available in silver. 2 track magnetic card readers and customer pole displays are also available on request.	1859.09	2045.00
4674-12	POS VGA Monitor with Touch Screen A122T VGA monitor with Touch Screen. Black solid die cast aluminium casing. 12.1" 800 x 600 TFT colour LCD display. Height 290mm x width 360mm. Display height 240mm. Display tilt 90 deg upright to 130 deg flat. Also available in silver. 2 track magnetic card reader and customer pole displays are also available.	2290.00	2519.00

POS Equipment - Magnetic Card Readers

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8611-12	Blank Plain White Card .76mm x 53.98mm This card is just plain white with no signature strip or magnetic stripe.	353.64	389.00
8608-12	Magnetic Card blank card Colour with si Loco colour with signature strip. Can be recoded and reused. Price per 1000	402.73	443.00
8609-12	Magnetic Card blank card w/o signature Loco colour white without signature strip. Can be recoded and reused. Price per 1000	362.73	399.00
8607-12	Magnetic Card blank card with signature Loco plain white with signature strip. Can be recoded and reused. Price per 1000	317.27	349.00
8768-12	Magnetic Card Rdr Track 1&2 KB PS/2 Com Series 1210 is a compact bi-directional handswipe magnetic stripe reader capable of reading ISO standard Tracks 1 & 2. It's built-in PS/2 keyboard wedge interface allows for easy connection with any existing system. The series 1210 reader is ideal for use with credit card equipment, POS terminals, banking terminals and personal computers.	180.91	199.00
8203-12	Magnetic Card Rdr Track 1&2 Serial A compact sized magnetic card reader that will read tracks 1 & 2 on standard ISO cards, e.g. Credit Cards, Medicare Cards, Club Membership cards etc. It will operate from PC serial port or with a serial terminal. A separate 12V DC 200mA power supply is required for operation. This can be drawn from the PC, using the cables and attachments supplied, or from another source (customer supplied)	180.91	199.00
8681-12	Magnetic Card Rdr Track 2 KB Wedge PS/2 This high end unit provides simple connection between the keyboard and the computer. This magnetic card reader will read track 2 on credit cards, Medicare cards, club membership cards etc. Track 2 is by far the most commonly used track. DIP switches allow the selection of CR, triple track 'SS' (; or +) and character output speed.	180.91	199.00
8418-12	Magnetic Card Rdr Track 2 Serial Compac A bi-directional magnetic card reader intended for use with credit authorization terminals, POS terminals, portable terminals, personal computers and banking terminals. It operates as an on-line card reader which communicates with any computer via an RS232 interface. It requires +12V DC from either an optional external power supply (240V to 12V plug pack) or the internal power of your computer or terminal (adapter cable included).	180.91	199.00
8218-12	Magnetic Card Rdr Track 2&3 KB AT Wedge Will read track 2 & 3 of ISO standard magnetic stripe card. It has a reading speed of 7.5cm/sec - 80cm/sec.	135.45	149.00
8968-12	Magnetic Card Rdr Trk 2 KB Wedge PS/2 P Extract just the data you want from magnetic cards - without access to the application program source code	235.45	259.00

A utility program allows the magnetic card reader to be configured to your needs.

 $Programming \ functions \ include \ swipe \ prefix \ and \ suffix, \ track \ prefix \ and \ suffix, \ track \ selection, \ data \ field$ selection, start/end sentinels, LRC character and inter-character delay.

It simply connects between the keyboard and the computer.

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POS	S Equ	ipment -	Magnetic	Card	Readers
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1008001-12	Magnetic Card Rdr Trk 2 USB Programmabl	208.18	229.00
1000001-12	Extract just the field you want from magnetic cards - without access to the application program source code.	200.10	229.00
	A utility program allows the magnetic card reader to be configured to your needs.		
	Programming functions include swipe prefix and suffix, track prefix and suffix, track selection, data field		
	selection, start/end sentinels, LRC character and inter-character delay. It connects to a computer via a USB port and can be configured as "keyboard wedge" or "serial port".		
1008035-12	Magnetic Card Rdr Trks 1 & 2 USB Progra	244.55	269.00
	The "rolls royce" of magnetic card readers. This one does it all.		
	Extract just the field you want from magnetic cards - without access to the application program source code.		
	A utility program allows the magnetic card reader to be configured to your needs.		
	Programming functions include swipe prefix and suffix, track prefix and suffix, track selection, data field selection, start/end sentinels, LRC character and inter-character delay.		
	Ideal for just reading a Medicare card number and excluding the expiry date and other extraneous data.		
	It connects to a computer via a USB port and can be configured as "keyboard wedge" or "serial port".		
8264-12	Magnetic Card Reader Track 1 2 or 3 PS/	126.36	139.00
	A reliable and economical universal magnetic card reader - do you want a track 1 or a track 2-3. Just set the DIP Sw. for the configuration you want.		
	Mounting is always a problem - not any more, you can screw down onto a counter or up from		
	underneath to tapped bosses.		
	A very versaltile MCR that looks and acts the part.		
8268-12	Magnetic Card Reader Track 1 2 or 3 Ser The universal magnetic card reader - do you want a track 1 or a track 2-3.	153.64	169.00
	Mounting is always a problem - not any more, you can screw down onto a counter or up from underneath to tapped bosses.		
0547.40	A very versaltile MCR that looks and acts the part.	244 55	000.00
8547-12	Magnetic Card Reader Trk 1 & 2 Posiflex The MR2000 Series Magnetic Stripe Reader can operate with or without PC compatible keyboard connected. It includes a heavy duty die-cast case, two tracks, built-in decoder and dual directional operation.	244.55	269.00
8046-12	Magnetic Card Swipe Reader/Writer 3 trk	2135.45	2349.00
	Designed to write to any or all magnetic tracks on a card as well as read each track. Includes software. It connects via a serial port.		
8947-12	Magnetic Card Swipe Reader/Writer 3 trk	2999.09	3299.00
	Designed to write to any or all magnetic tracks on a Hi-Co card as well as read each track. Includes software. It connects via a serial port.		
8606-12	Magnetic Card white blank card w/o sign	359.09	395.00
0000-12	Loco plain white without signature strip. Can be recoded and reused. Price per 1000	000.00	333.00
POS Equip	oment - POS Keyboards		
8922-12	POS Keyboard 55 Key Reprogrammable	235.45	259.00
	A stylish POS keyboard with a moulded slot on the right hand edge of the keyboard for an optional magnetic card reader. All 55 keys are programmable and configurable. There are additional ports for a standard keyboard and also for a serial barcode reader.		
POS Equip	oment - Printers		
5637-12	Bar Code Printer Label Th/Trn 60mmx40mm	56.36	62.00
	Thermal transfer labels on 80m rolls		

POS Equi	POS Equipment - Printers				
5637-12	Bar Code Printer Label Th/Trn 60mmx40mm Thermal transfer labels on 80m rolls	56.36	62.00		
5638-12	Bar Code Printer Label Th/Trn 80mmx15mm Thermal transfer labels on 80m rolls for Cat 5418	89.09	98.00		
5789-12	Bar Code Printer Wax Ribbon 104mmx450m Suits SATO M-8400/8	117.27	129.00		
5896-12	Bar Code Printer Wax Ribbon 110mmx300m For TEC 442-443 printers	45.91	50.50		
5876-12	Bar Code Printer Wax Ribbon 110mmx450m	77.27	85.00		
5636-12	Bar Code Printer Wax Ribbon 40mmx300m Min 2 buy price	30.45	33.50		
5635-12	Bar Code Printer Wax Ribbon 70mmx300m	54.55	60.00		
5841-12	BarCode Printer Thermal Wax Resin Ribbo Suits Zebra TLP2844 Printer Suits TLP2242	21.82	24.00		

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5733-12	Citizen CBM 1000 Thermal Receipt Printe Thermal line printer, max. speed approx. 24 l/sec, 42 or 56 column on standard 80mm width paper, 58mm wide paper can also e used with supplied spacer. drop in paper loading, 4K buffer, 256K non volatile bit map memory, ESC/POS compatible, AUTO CUTTER, bar code printing, controls 2 cash drawers through modular connector, internal power supply.	680.91	749.00
5734-12	Citizen CBM 1000 Thermal Receipt Printe Thermal line printer, max. speed approx. 24 l/sec, 42 or 56 column on standard 80mm width paper, 58mm wide paper can also e used with supplied spacer. drop in paper loading, 4K buffer, 256K non volatile bit map memory, ESC/POS compatible, AUTO CUTTER, bar code printing, controls 2 cash drawers through modular connector, internal power supply.	644.55	709.00
5843-12	Citizen CBM 1000 Thermal Receipt Printe Thermal line printer, max. speed approx. 24 l/sec, 42 or 56 column on standard 80mm width paper, 58mm wide paper can also e used with supplied spacer. drop in paper loading, 4K buffer, 256K non volatile bit map memory, ESC/POS compatible, AUTO CUTTER, bar code printing, controls 2 cash drawers through modular connector, internal power supply.	799.09	879.00
5681-12	Citizen CBM 230 Thermal Printer Paralle High speed Thermal Line Dot Printer with Paper tear. Maximum Speed 62.5mm/sec. Available with RS-232C or Parallel Interface. Built in Power Supply and Driver for 2 cash drawer. May be used for Barcode Printing.	762.73	839.00
5682-12	Citizen CBM 230 Thermal Printer Serial High speed Thermal Line Dot Printer with Paper tear. Maximum Speed 62.5mm/sec. Available with RS-232C or Parallel Interface. Built in Power Supply and Driver for 2 cash drawer. May be used for Barcode Printing.	762.73	839.00
5303-12	Citizen CBM 231 Thermal Printer Paralle The same as model CBM230 except that it has a cutter.	780.91	859.00
5309-12	Citizen CBM 231 Thermal Printer Serial The same as model CBM230 except that it has a cutter.	780.91	859.00
5839-12	Citizen CTS-S300 Thermal Parallel Print The new CT-S300 single station thermal printer provides 100mm/sec print speed, logo storage, interchangeable interface modules and quick and easy drop in paper loading. The CT-S300 fits perfectly in a wide variety of applications combining compact footprint, an external or optional internal power supply and an internal buzzer inside a reliable, versatile printer. The CT-S300 features a long-life paper cutter, barcode printing, flash memory for storing logos. NOTE: Printer is actually black. Picture depicts the beige model Built in power supply.	680.91	749.00
5730-12	Citizen IDP3110 24 col Parallel Printer Palm Size and lightweight (0.4kg), high speed printing (24 col 2.5 lines/sec, 40 col 1.8 lines/sec), takes a 58mm width paper. External dimensions 106mmW x 180mmD x 88mmH. Power supply Cat 5810	299.09	329.00
5731-12	Citizen IDP3110 24 col Serial Printer P Palm Size and lightweight (0.4kg), high speed printing (24 col 2.5 lines/sec, 40 col 1.8 lines/sec), takes a 58mm width paper. External dimensions 106mmW x 180mmD x 88mmH. Power supply Cat 5810	299.09	329.00
5807-12	Citizen IDP3110 Black Ribbon	7.18	7.90
5810-12	Citizen IDP3110 Power Supply for IDP311 Power supply is a 7 volt negative for IDP3110.	22.73	25.00
5683-12	Citizen IDP3221 Thermal Printer Paralle High speed Thermal Line Dot Printer 7.09 dots/mm (180 DPI). with Auto cutter. Maximum Speed 16 lines/sec. 2 cash drawer drivers (modular connector). Available with RS-232C or Parallel Interface. External Power Supply included. May be used for Barcode Printing. Takes 80 x 83 paper.	517.27	569.00
5698-12	Citizen IDP3423 40 col Parallel Printer 3 lines/sec Bi Directional Printer with AUTOCUTTER and PAPER REWIND, friction feed with 6K bytes input buffer, 2 colour ribbon (red/black) or single colour (black or purple), paper 76mm roll. Weighing just 2.8kg and external dimensions (W x D x H) of 164mm x 280mm x 183mm. This printer will also control two cashdrawers. Added features of CBM, ESC/POS, Star emulation.	571.82	629.00
5699-12	Citizen IDP3423 40 col Serial Printer 3 lines/sec Bi Directional Printer with AUTOCUTTER and PAPER REWIND, friction feed with 6K bytes input buffer, 2 colour ribbon (red/black) or single colour (black or purple), paper 76mm roll. Weighing just 2.8kg and external dimensions (W x D x H) of 164mm x 280mm x 183mm. This printer will also control two cashdrawers. Added features of CBM, ESC/POS, Star emulation.	571.82	629.00
5673-12	Citizen IDP3550 40 col Parallel Printer 3.6 lines/sec Bi Directional Printer, friction feed with 6K bytes input buffer, 2 colour ribbon (red/black) or single colour (black or purple). Weighing just 2.8kg and external dimensions (W x D x H) of 160mm x 212mm x 173mm. This printer will also control two cashdrawers. Added features of CBM, ESC/POS, Star emulation.	462.73	509.00

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5674-12	Citizen IDP3550 40 col Serial Printer 3.6 lines/sec Bi Directional Printer, friction feed with 6K input buffer, 2 colour ribbon (red/black) or single colour (black or purple)ribbon. Weighing just 2.8kg and external dimensions(W x D x H) of 160mm x 212mm x 173mm. This printer will also control two cashdraws. Added feature of CBM, ESC/DOS Stangardetics.	462.73	509.00
5675-12	ESC/POS, Star emulation. Citizen IDP3551 40 col Parallel Printer Same features as IDP3550 series but weighs 3.0kg with external dimensions (W x D X H) 160mm x 184mm x 173mm. This printer controls up to two cashdraws and has an autocutter that can be programmed for partial/full cut.	544.55	599.00
5676-12	Citizen IDP3551 40 col Serial Printer Same features as IDP3550 series but weighs 3.0kg with external dimensions (W x D X H) 160mm x 184mm x 173mm. This printer controls two cashdraws and has an autocutter that can be programmed for partial/full cut.	526.36	579.00
5715-12	Citizen IDP460/34xx/DP4x0 Black Ribbon	12.64	13.90
5680-12	Citizen IDP460/IDP34xx Black/Red Ribbon	10.82	11.90
5207-12	Citizen Paper Rewind Device for IDP35xx	89.09	98.00
5785-12	Epson TM-T88III Thermal Receipt Paralle Thermal Printer - Receipt and Cutter, 42/56 columns, 80mm paper, drop and load paper loading, 24V DC power supply and IEEE 1284 parallel cable included. Paper 80x80 thermal roll	726.36	799.00
5785BLK-12	Epson TM-T88III Thermal Receipt Paralle Thermal Printer - Receipt and Cutter, 42/56 columns, 80mm paper, drop and load paper loading, 24V DC power supply and IEEE 1284 parallel cable included. Paper 80x80 thermal roll	726.36	799.00
5786-12	Epson TM-T88III Thermal Receipt Serial Thermal Printer - Receipt and Cutter, 42/56 columns, 80mm paper, drop and load paper loading, 24V DC power supply and cable included.	808.18	889.00
5898-12	Epson TM-T88III Thermal Receipt USB Bie Thermal Printer - Receipt and Cutter, 42/56 columns, 80mm paper, drop and load paper loading, 24V DC power supply and USB cable included. Paper 80x80 thermal roll	817.27	899.00
5897BLK-12	Epson TM-T88III Thermal Receipt USB BLA Thermal Printer - Receipt and Cutter, 42/56 columns, 80mm paper, drop and load paper loading, 24V DC power supply and USB cable included. Paper 80x80 thermal roll	817.27	899.00
5861-12	Epson TM-T90 Two Colour Thermal Receipt Also available in black. Same cost.	962.73	1059.00
8884-12	Epson TM-U220B Receipt Printer Parallel 9 pin, impact dot matrix printer. 2 colour printing, in black and red. Freely adjustable paper loading pitch. A nearly universal ESC/POS compliant control code that enables cutomization of receipts by users. EPSON OCX driver support. The flexibility of the TM-U200 series makes it easy to develop original POS application software without spending a lot of time and money. INCLUDES power supply and cable. Comes with Auto-cutter. Also available in Serial & USB.	653.64	719.00
8886-12	Epson TM-U220B Receipt Printer Serial A 9 pin, impact dot matrix printer. 2 colour printing, in black and red. Freely adjustable paper loading pitch. A nearly universal ESC/POS compliant control code that enables cutomization of receipts by users. EPSON OCX driver support. The flexibility of the TM-U200 series makes it easy to develop original POS application software without spending a lot of time and money. INCLUDES power supply and cable. Comes with Auto-cutter. Also available in parralel & USB.	653.64	719.00
9185-12	Epson TM-U220B Receipt Printer USB w Au 9 pin, impact dot matrix printer. 2 colour printing, in black and red. Freely adjustable paper loading pitch. A nearly universal ESC/POS compliant control code that enables cutomization of receipts by users. EPSON OCX driver support. The flexibility of the TM-U200 series makes it easy to develop original POS application software without spending a lot of time and money. INCLUDES power supply and cable.	708.18	779.00
9186-12	Epson TM-U220D Receipt Printer Parallel 9 pin, impact dot matrix printer. 2 colour printing, in black and red. Freely adjustable paper loading pitch. A nearly universal ESC/POS compliant control code that enables cutomization of receipts by users. EPSON OCX driver support. The flexibility of the TM-U200 series makes it easy to develop original POS application software without spending a lot of time and money. INCLUDES power supply and cable.	499.09	549.00
8883-12	Epson TM-U220D Receipt Printer Serial w 9 pin, impact dot matrix printer. 2 colour printing, in black and red. Freely adjustable paper loading pitch. A nearly universal ESC/POS compliant control code that enables cutomization of receipts by users. EPSON OCX driver support. The flexibility of the TM-U200 series makes it easy to develop original POS application software without spending a lot of time and money. INCLUDES power supply and cable Paper tear bar. Also available in Parallel	508.18	559.00

and cable.Paper tear bar. Also available in Parallel.

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POS Equipment - Printers

8885-12	Epson TM-U220D Receipt Printer USB w Pa	631.82	695.00
	9 pin, impact dot matrix printer. 2 colour printing, in black and red. Freely adjustable paper loading pitch. A nearly universal ESC/POS compliant control code that enables cutomization of receipts by users. EPSON OCX driver support. The flexibility of the TM-U200 series makes it easy to develop original POS application software without spending a lot of time and money. INCLUDES power supply and cable.Paper tear bar.		
8879-12	Epson TM-U295PB Receipt Printer Paralle Just 1.6Kg and ultra compact, the TM-U295 is the world's smallest slip printer. It is also versatile - select from among four print sizes and four printing directions. Or, use page mode to tell the printer where to print on the page. The TM-U295 is also equipped with a host of user-friendly features, such as an easy-to-operate touch panel and an automatic paper eject function. And, for the widest range of applications, connect the TM-U295 to an EPSON Intelligent Module.	871.82	959.00
8880-12	Epson TM-U295SB Receipt Printer Serial Just 1.6Kg and ultra compact, the TM-U295 is the world's smallest slip printer. It is also versatile - select from among four print sizes and four printing directions. Or, use page mode to tell the printer where to print on the page. The TM-U295 is also equipped with a host of user-friendly features, such as an easy-to-operate touch panel and an automatic paper eject function. And, for the widest range of applications, connect the TM-U295 to an EPSON Intelligent Module.	871.82	959.00
8979-12	POS Citizen Thermal Heavy Duty Printer Our POS Heavy Duty Printer bundle includes our Citizen Heavy Duty Printer teamed with our large capacity paper roll holder with adjustable paper near end sensor. A necessary power supply is also included with this bundle.	1359.09	1495.00
8976-12	POS Citizen Thermal Heavy Duty Printer This printer features easy paper handling - the presenter unit feeds the paper after print and cut, paper auto loading, bar-code printing, capable of loading large diameter roll paper (203mm), both parallel (centronics) and serial (RS232) interfaces available, equipped with apaper and sensor and paper near end sensor. This printer is perfect for the use in high density ticketing applications.	1113.64	1225.00
8977-12	POS Paper roll holder for 8976 Large capacity paper roll holder with adjustable paper near end sensor for our 8976. Paper size: 80mm (w) diameter up to 203mm, core size 25.4mm.	127.27	140.00
9245-12	POS Power Supply for Posiflex PP-5600 P	126.36	139.00
9177-12	POS Thermal Printer - Beige - Parallel A very fast thermal printer with extremely easy paper loading with standard paper rolls. It literally churns out the receipt at 180 mm/s or 60 lps. It has parallel, serial and USB interfaces and responds to Epson and Star Escape codes as well as printing a range of barcodes. The built-in cutter can be configured as no cut (tear bar), partial cut or full cut. Two buzzers can be programmed independently and are ideal for alerting the chef when a new order is received in the kitchen. They are available in PC gray or black.	544.55	599.00
9178-12	POS Thermal Printer - Black - Parallel A very fast thermal printer with extremely easy paper loading with standard paper rolls. It literally churns out the receipt at 180 mm/s or 60 lps. On the price / performance curve - nothing comes near this printer. It is available with parallel, serial and USB interfaces and responds to Epson and Star Escape codes as well as printing a range of barcodes. The built-in cutter can be configured as no cut (tear bar), partial cut or full cut. Two buzzers can be programmed independently and are ideal for alerting the chef when a new order is received in the kitchen. They are available in PC gray or black.	544.55	599.00
5895-12	Posiflex PP-5600B 42col Parallel Print The Aura PP5600 series printer is a stream-lined low profile 40 column 9 pin dot matrix easy loading impact printer designed for any POS application. The print mechanism applied in this printer series is remarkably reliable.	522.73	575.00
5895BLK-12	Posiflex PP-5600B 42col Parallel Print The Aura PP5600 series printer is a stream-lined low profile 40 column 9 pin dot matrix easy loading impact printer designed for any POS application. The print mechanism applied in this printer series is remarkably reliable.	522.73	575.00
5899-12	Posiflex PP-5600B 42col Serial Printer The Aura PP5600 series printer is a stream-lined low profile 40 column 9 pin dot matrix easy loading impact printer designed for any POS application. The print mechanism applied in this printer series is remarkably reliable.	522.73	575.00

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5899BLK-12	Posiflex PP-5600B 42col Serial Printer	522.73	575.00
	The Aura PP5600 series printer is a stream-lined low profile 40 column 9 pin dot matrix easy loading impact printer designed for any POS application. The print mechanism applied in this printer series is remarkably reliable.		
5849-12	Posiflex PP-5600D 42col Parallel Print The Aura PP5600 series printer is a stream-lined low profile 40 column 9 pin dot matrix easy loading impact printer designed for any POS application. The print mechanism applied in this printer series is remarkably reliable.	453.64	499.00
5849BLK-12	Posiflex PP-5600D 42col Parallel Print The Aura PP5600 series printer is a stream-lined low profile 40 column 9 pin dot matrix easy loading impact printer designed for any POS application. The print mechanism applied in this printer series is remarkably reliable.	453.64	499.00
5850-12	Posiflex PP-5600D 42col Serial Print Be The Aura PP5600 series printer is a stream-lined low profile 40 column 9 pin dot matrix easy loading impact printer designed for any POS application. The print mechanism applied in this printer series is remarkably reliable.	453.64	499.00
5850BLK-12	Posiflex PP-5600D 42col Serial Print BL The Aura PP5600 series printer is a stream-lined low profile 40 column 9 pin dot matrix easy loading impact printer designed for any POS application. The print mechanism applied in this printer series is remarkably reliable.	453.64	499.00
5855-12	Posiflex PP-7000 Thermal Parallel Print The new AURA 7000 thermal receipt printer by POSIFLEX offers the performance, innovation, and affordability that you have come to expect. The high-resolution thermal print head provides quiet operation and the ability to print detailed graphics and bar codes for use in various applications.	635.45	699.00
5855BLK-12	Posiflex PP-7000 Thermal Parallel Print The new AURA 7000 thermal receipt printer by POSIFLEX offers the performance, innovation, and affordability that you have come to expect. The high-resolution thermal print head provides quiet operation and the ability to print detailed graphics and bar codes for use in various applications.	635.45	699.00
5867-12	Posiflex PP-7000 Thermal Serial Printer The new AURA 7000 thermal receipt printer by POSIFLEX offers the performance, innovation, and affordability that you have come to expect. The high-resolution thermal print head provides quiet operation and the ability to print detailed graphics and bar codes for use in various applications.	635.45	699.00
5867BLK-12	Posiflex PP-7000 Thermal Serial Printer The new AURA 7000 thermal receipt printer by POSIFLEX offers the performance, innovation, and affordability that you have come to expect. The high-resolution thermal print head provides quiet operation and the ability to print detailed graphics and bar codes for use in various applications.	635.45	699.00
5743-12	Samsung SRP-270A Dot Matrix Receipt Pri A fast dot matrix Receipt Printer with a maximum speed of 4.6 lps (80 columns) or 8.4 lps (16 columns) It has dual cash drawer support and the option of a USB interface. It emulates the TM-U200, TM-U300 and IDP3410. Ribbons Cat No. 5750	435.45	479.00
5744-12	Samsung SRP-270A Dot Matrix Receipt Pri A fast dot matrix Receipt Printer with a maximum speed of 4.6 lps (80 columns) or 8.4 lps (16 columns) It has dual cash drawer support and the option of a USB interface. It emulates the TM-U200, TM-U300 and IDP3410. Ribbon Cat No. 5750	435.45	479.00
5745-12	Samsung SRP-270C Dot Matrix Rcpt Printe A fast dot matrix Receipt Printer with a maximum speed of 4.6 lps (80 columns) or 8.4 lps (16 columns) with paper cutter. It has dual cash drawer support and the option of a USB interface. It emulates the TM-U200, TM-U300 and IDP3410. Ribbons Cat No. 5750	462.73	509.00
5746-12	Samsung SRP-270C Dot Matrix Rcpt Printe A fast dot matrix Receipt Printer with a maximum speed of 4.6 lps (80 columns) or 8.4 lps (16 columns) with paper cutter. It has dual cash drawer support and the option of a USB interface. It emulates the TM-U200, TM-U300 and IDP3410. Ribbons Cat No. 5750	432.73	476.00
5741-12	Samsung SRP-350P Thermal Receipt Printe Very high speed Thermal Receipt Printer with a maximum speed of 150 mm/s (47.2 lps) - almost twice the speed of the competition. It has an auto paper cutter, dual cash drawer support. The design is in the popular clam shell style and it emulates the TM-T88II and TSP552II.	608.18	669.00
5742-12	Samsung SRP-350R Thermal Receipt Printe Very high speed Thermal Receipt Printer with a maximum speed of 150 mm/s (47.2 lps) - almost twice the speed of the competition. It has an auto paper cutter, dual cash drawer support and the option of a USB interface. The design is in the popular clam shell style and it emulates the TM-T88II and TSP552II.	608.18	669.00

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5848-12	Samsung SRP-350U Thermal Receipt Printe Very high speed Thermal Receipt Printer with a maximum speed of 150 mm/s (47.2 lps) - almost twice	817.27	899.00
	the speed of the competition. It has an auto paper cutter, dual cash drawer support and the option of a USB interface. The design is in the popular clam shell style and it emulates the TM-T88II and TSP552II.		
5750-12	Samsung SRP270 Black/Red Ribbon	8.64	9.50
5755-12	Sato Thermal Tfr/Direct Thermal Barcode CL408E - Printing Speed of 50-150mm/sec, print resolution of 203dpi(8dot/mm), print width of 22- 131mm and length of 6-356mm, DB25 RS232/422/485 serial or 36pin parallel. Optional extras: Label cutter, label dispenser, rewinder, calendar, PCMCIA Add-On Memory. Barcode rotation 0°, 90°, 180° & 270°. Barcode ratio 1:2, 1:3, 2:5 (user definable bar width). Weight 13kg, 271x430x321mm (WxDxH).	2631.82	2895.00
9139-12	Serial Cable for Citizen Cash Drawer This cable to go with P/n 8665.	24.45	26.90
5021-12	Star DP8340 40 Column (115mm x 80mm) Pa Comes with power Supply	626.36	689.00
5316-12	Star DP8340 40 Column (115mm x 80mm) Se Comes with power Supply	626.36	689.00
5301-12	Star DP8340 Cash Draw Cable	21.45	23.60
5641-12	Star SP317 9 pin 40 col 221 cps Paralle	900.00	990.00
	221 cps/5.5 lines per second printing. optional paper rewinder, 1 line validation printing. Windows '95 driver, bit-image graphics capability.		000.00
5642-12	Star SP317 9 pin 40 col 221 cps Serial	887.27	976.00
	221 cps/5.5 lines per second printing. optional paper rewinder, 1 line validation printing. Windows '95 driver, bit-image graphics capability.		
5643-12	Star SP347 9 pin 40 col 221 cps Paralle Same as SP317 but has an auto paper cutter	930.91	1024.00
5644-12	Star SP347 9 pin 40 col 221 cps Serial Same as SP317 but has an auto paper cutter	930.91	1024.00
5506-12	Star SP512 9 pin 42 col 110 cps Parall 9 pin, 42 column (16cpi) dot matrix printer. Dual colour (Red and Black), built-in 240 power supply, bidirectional printing 3.5 lines per second, Windows drivers.	526.36	579.00
5507-12	Star SP512 9 pin 42 col 110 cps Serial 9 pin, 42 column (16cpi) dot matrix printer. Dual colour (Red and Black), built-in 240 power supply, bidirectional printing 2.5 lines per second, Windows drivers.	508.18	559.00
5523-12	Star SP542 9 pin 42 col 110 cps Parall	617.27	679.00
5845-12	Star TSP643C Thermal Parallel Receipt P power supply not included	679.09	747.00
5827-12	Star TSP643D & TSP743D Power Supply	135.45	149.00
5828-12	Star TSP643D & TSP743D Serial Cable	44.55	49.00
5826-12	Star TSP643D Thermal Serial Receipt Pri Power supply not included	679.09	747.00
5852-12	Star TSP743D Thermal Serial Receipt Pri Power supply not included	935.45	1029.00
9251-12	Thermal Printer for Hotspot	453.64	499.00
5886-12	Zebra Card Printer P330i Col+USB+PAR With USB & Parallel Port	2804.55	3085.00
	High speed printing 144 cards/hour edge to edge in full colour (315mm(W)x198mm(D)x220mm(H) 6.6Kg 2yr printer & printhead warranty Ribbon is P/n 5888 YMCKO 5 panel Colour 200images		
5886M-12	Zebra Card Printer P330i Col+USB+PAR + With USB & Parallel Port with Magnetic Encoder. High speed printing 144 cards/hour edge to edge in full colour (315mm(W)x198mm(D)x220mm(H) 6.6Kg 2yr printer & printhead warranty Ribbon is P/n 5888	3608.18	3969.00
5788-12	YMCKO 5 panel Colour 200images Zebra HT-146 Thermal Barcode Printer	1990.91	2190.00
	Featuring eight inch media roll capacity, flash memory, and standard serial, parallel and USB interfaces. Print speed is 6"/152mm per sec. Standard memory 512Kb flash: 256K SRAM. Resolution is 203dpi/8dat per sec.		
5751-12	Zebra LP2844 Direct Thermal Barcode Pri USB, Serial & Parallel ports print width of 28mm to 104mm, 9pin RS232 serial or Centronic parallel. Standard 1-D bar code and 2-	726.36	799.00

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D Symbologies. 256KB SRAM & 512KB Flash memory. Optional extras: 256KB SRAM & 512KB Flash memory, real time clock, label present sensor, cutter, rewinder, keyboard display unit, battery pack

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5857-12	Zebra LP2844Z Direct Ther B/code Printe Built in Print Server	1208.18	1329.00
	Maximum print speed of 4"/102 mm per second. Print resolution of 203dpi (8dot/mm), maximum print area width is 104mm and 990mm length.Connection is by 9pin RS232 serial or Centronic parallel. Standard 1-D bar code and 2-D Symbologies. 8MB DRAM memory & 4MB flash. Optional extras: 8MB flash & real time clock, label peel off.		
5830-12	Zebra LP2844Z Direct Thermal Barcode Pr Maximum print speed of 4"/102 mm per second. Print resolution of 203dpi (8dot/mm), maximum print area width is 104mm and 990mm length.Connection is by 9pin RS232 serial or Centronic parallel. Standard 1-D bar code and 2-D Symbologies. 8MB DRAM memory & 4MB flash. Optional extras: 8MB flash & real time clock, label peel off.	862.73	949.00
5784-12	Zebra S600 Thermal Barcode Printer Seri Direct Thermal and Thermal Transfer printer with New Technology Printhead. Printing Speed of 51- 102mm per second, print resolution of 203dpi (8dot/mm), print width of 104mm, standard serial and parallel port. Standard bar code Symbologies including Micro DPF417, Code 49, Maxicode, QR and Datamatrix. 1MB DRAM memory. Optional extras, 4MB and 8MB flash memory expansion, cutter option, label peel-off	1926.36	2119.00
5808-12	Zebra TLP2844 Thermal Transfer Printer USB, Serial & Parallel ports Maximum print speed of 4"/102 mm per second. Print resolution of 203dpi (8dot/mm), maximum print area width is 104mm and 990mm length. Connection is by 9pin RS232 serial or Centronic parallel. Standard 1-D bar code and 2-D Symbologies. 4MB DRAM memory & 4MB flash. Optional extras: 8MB flash & real time clock, label peel off.	826.36	909.00
5832-12	Zebra TLP2844Z Thermal Transfer Printer Maximum print speed of 4"/102 mm per second. Print resolution of 203dpi (8dot/mm), maximum print area width is 104mm and 990mm length.Connection is by 9pin RS232 serial or Centronic parallel. Standard 1-D bar code and 2-D Symbologies. 8MB DRAM memory & 4MB flash. Optional extras: 8MB flash & real time clock, label peel off.	1044.55	1149.00
5884-12	Zebra TLP2844Z Thermal Transfer Ptr INT Maximum print speed of 4"/102 mm per second. Print resolution of 203dpi (8dot/mm), maximum print area width is 104mm and 990mm length.Connection is by 9pin RS232 serial or Centronic parallel. Standard 1-D bar code and 2-D Symbologies. 8MB DRAM memory & 4MB flash. Optional extras: 8MB flash & real time clock, label peel off. COMES WITH INTERNAL SERVER FITTED	1136.36	1250.00
5815-12 5866-12	Zebra Z4M+ Thermal Barcode Printer Ser/ Zebra Z6M+ Thermal Barcode Printer Ser/ # Ideal for semi-experienced/novice users with wide-width, light industrial, or multi-purpose applications # Handles large product labels, multiple-up formats, multi-part form printing, rotated or other wide compliance labels with ease # Versatile enough to adapt to your changing width applications # Multi-language font support is optimal for international operations	2335.45 4144.55	2569.00 4559.00
5891-12	Zebranet Print Server Ethernet	304.55	335.00
Power Su	pplies - Computer Power Supplies		
X1195-12	Case Fan 120 x 120 Blue LED 3 pin connector with signal output.	31.82	35.00
X1026-12	Case Fan 80 x 80 x 25MM 12VDC Ball Bearing Case Fan	19.09	21.00
8957-12	Power Supply 300w Low Noise Thermal Fan A temperature controlled regulator varies the speed of the cooling fan in response to power supply temperature. It is virtually silent under normal conditions and is ideal for radio studios etc. ATX format for P3 or P4.	162.73	179.00
9158-12	Power Supply 550W True Power ATX	199.09	219.00
8122-12	Power Supply ATX 20/24 Pin 400W P4 Pres This is the standard power supply currently used in the vast majority of computers.	44.55	49.00
8069-12	Power Supply Desktop/Footprint P/B for 250 Watts, PS/2 style power supply for AT mother board.	53.64	59.00
X1389-12	Power Supply Switch P/Button ATX	14.55	16.00

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Power Sup	plies - Computer Power Supplies		
X1205-12	Power Supply Switch P/Button Spade Term	14.5	55 16.00
X1168-12	Power Supply Switch Toggle Spade Term.	14.5	16.00
Power Sup	plies - Inverters		
8184-12	Inverter 12V DC to 240V AC for N'book e This power house delivers 140 watts continuous and 400 watts peak to power lights etc. It is fitted with a cigarette lighter plug and will auto shutdown on over under voltage.		8 130.00
Power Sup	plies - Miscellaneous		
8131-12	ATX Power Supply Tester Allows quick and easy testing. Built-in 25W 5.4 ohm load to generate steady output LED indicates that power supply is working +5V, +3.3V & 12V leads for volt modulates		55 49.00
X1384-12	PENTIUM Fan Cable Pentium Fan cable for a 3 pin fan to connect to power supply plug.	6.2	6.90
Power Sup	plies - Plug Packs		
8542-12	Power Pack 12V AC 1A	25.2	27.75
8270-12	Power adapter (12 VAC/1A) supplied with 7 interchangeable plugs. Power Pack 12V DC 1A	21.8	32 24.00
8985-12	Power pack (12VDC/1A) supplied with 7 interchangeable plugs. Power Pack 12V DC 2A	40.9	91 45.00
0900-12	Power pack (12VDC/2A) supplied 1.8m input lead and 1.9m output lead with 2.5m		45.00
8548-12	Power Pack 17V AC 1.25 Amp with Earth	29.0	
8424-12	Power Pack 24V DC 1A Regulated	44.5	_
8323-12	Power Pack 24V DC 500mA Supplied with 2.1mm DC plug only.	19.0	00 20.90
1008004-12	Power Pack 24V DC 500mA	17.1	8 18.90
8305-12	Power Pack 3 4.5 6 7.5 9 12V DC 1A Swit Overload protected high current model. Suits continuous use intercoms, high curretoys, etc. Screw terminations and mains cord and lead.	26.3 rent cassette recorders,	36 29.00
8762-12	Power Pack 3V - 12V DC 300mA Switchable High current DC supply suitable for devices which need more power. Six volt ideal for a large range of products. Supplied with multi-way adapter and has select		00 22.00
8241-12	Power Pack 3V - 12V DC 500mA Switchable High current DC supply suitable for devices which need more power. Six volt ideal for a large range of products. Supplied with multi-way adapter and has select	~	28.00
1008025-12	Power Pack 5V DC 2.5 Amp Switchmode	31.8	35.00
8454-12	Power Pack 9V AC 1A Power adapter (9VAC/1A) supplied with 7 interchangeable plugs.	25.2	23 27.75
1008046-12	Power Pack 9V AC 200mA	15.3	36 16.90
8433-12	Power Pack 9V DC 1A	25.2	27.75
8240-12	Power adapter (9VDC/1A) supplied with 7 interchangeable plugs. Power Pack 9V DC 200mA An economical supply that's suitable for equipment that uses 9V DC or a 9V to Comes with a 3.5mm plug (tip positive).	14.5 transistor type battery.	55 16.00
1008055-12	Power Pack 9V DC 300mA 2.1 plug An economical supply that's suitable for equipment that uses 9V DC or a 9V transis	17.1	8 18.90
8453-12	Power Pack 9V DC 500mA	13.0	9 14.40
8242-12	Power Pack Travel Converter Multi-reverse adapter converts USA, Japan, Europe and many other mains p system. Earthed for safety. Does not convert voltage.	11.9 plug to the Australian	13.10
Power Sup	plies - Surge Suppessors		
8648-12	Filter - Power Protection against surges for your PC.	111.8	32 123.00
9063-12	Filter - Power Modem/Fax & Phone Protects fax machines, modems etc from surges entering the equipment via both the power line.	135.4 the telephone line and	149.00
8138-12	Mains Muffler 4 outlet Max 1000 Watts	326.3	359.00

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Power Supplies - Surge Suppessors			
9215-12	Power Board 6 Outlet with Surge Protect With 2 x RJ11 sockets for the protection of your phone and modem.	40.91	45.00

9261-12 UPS 1000 VA Black Knight	471.82	519.00
9197-12 UPS 1500 VA Black Knight This compact UPS (Uninteruptible Power Supply) is a low cost and robust choice and backup is required for 3 or 4 computers. 5 minutes backup time, full load. Unit i	1 0 0	749.00
9209-12 UPS 2000 VA Black Knight Nikko Line Interactive, Modified Sine Wave UPS with advanced two stage power boost AVR, Battery Saver feature (UPS idle mode), hot swappable batteries son surge suppression outlets for the protection of less critical peripheral loads. tel/modem surge suppression ports, RS232 interface and UPSMON plus Power I Shutdown Software with remote alarm messaging facilities.	me models with extra . All models include	1139.00
1008090-12 UPS 2200 VA King Pro Rack Mount Line interactive digitally restructured intelligent sine wave UPS ith advanced two stae power filtering, Advanced Battery Management and hot swappable batteries. Has a surge suppression port for fax/modem telephone lines, RS232 interface and free Power Management Software. Two year warranty on all models.	1180.91	1299.00
1008155-12 UPS 3000 VA King Pro King Pro UPS is the guardian that will shield against lightning, electrical noise brownouts and blackouts. Utilising state of the art digital control technology, Ki precise, clean and stable computer grade power at all times.		1399.00
8882-12 UPS 400 VA Black Knight	180.91	199.00
8876-12 UPS 600 VA Black Knight	226.36	249.00
8877-12 UPS 800 VA Black Knight	299.09	329.00
8316-12 UPS Monitor Card for NOVEL The Nikko range has a built-in computer interface which can be used with Nove systems this requires a UPS monitor card inside the computer. Applications included down of unattended computers in case of power failure.		164.00
1008096-12 UPS WOW 300VA with Surge Protection This unit is a standby low cost UPS, suitable for SOHO applications and application reasonably good. Ideal for PC and home entertainment systems. Fully digit controlled, Tel/Modem/Network surge suppression.		189.00
8873-12 USP BK 500 EI	290.00	319.00
Printer Consumables - Canon		
5625-12 Canon B100 B110 Cartridge (BX3)	54.55	60.00
5277-12 Canon BJ30/50/70/80 Blk Cart R'fill 3p	26.36	29.00

Printer Consumables - Canon			
5625-12	Canon B100 B110 Cartridge (BX3)	54.55	60.00
5277-12	Canon BJ30/50/70/80 Blk Cart R'fill 3p 3 pack for use with BC10 BJ cartridge (Cat No 5276).	26.36	29.00
5773-12	CANON BJC S300 4000/4100 2000/2100 lnk	16.36	18.00
5774-12	CANON BJC S300 4000/4100 2000/2100 lnk	35.45	39.00
5175-12	Canon BJC-10ex/20/200/230 Ink Cartridge Has a nominal capacity of 700,000 characters.	45.91	50.50
5415-12	Canon BJC-210/240/255/265 Fluorescent I	73.64	81.00
5353-12	Canon BJC-210/240/255/265/1000 Colour C Colour ink cartridge	53.64	59.00
5703-12	Canon BJC-210/255/265 Black Cartridge (Black ink cartridge - high capacity	40.00	44.00
5236-12	Canon BJC-2100/4x00/5500 Black BJ cartr 128 nozzle cartridge/print head, 1,200,000 character capacity in HQ mode.	60.00	66.00
5414-12	Canon BJC-240/255SP/265SP Photo Ink Car	55.45	61.00
5809-12	CANON BJC-3000/S400/S400SP/MPC100 Cartr Replacement Black Ink Tank	90.00	99.00
5393-12	Canon BJC-4200/4300/2000/4550/5000/5100 Canon's new PhotoRealism cartridges can be used with the BJC-4200 and BJC-4550 printers.	79.09	87.00

Canon's new PhotoRealism cartridges can be used with the BJC-4200 and BJC-4550 printers. PhotoRealism technology combines an ink breakthrough with a new image processing system to express tonal graduations that are impossible to achieve with conventional inks. Instead of a single intensity per pixel, PhotoRealism uses a variable ink intensity per pixel to produce its stunning effects.

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Printer Consumables - Canon

5394-12	Canon BJC-4x00 Fluorescent Ink Cartridg Canon's new Fluorescent BJ cartridge can be used with the following printers: BJC-4000, BJC-4100, BJC-4200 and BJC-4550. This new fluorescent ink can be used with almost any paper to produce colour	74.55	82.00
5237-12	with far more vibrancy, especially on overheads and "display type" output. Canon BJC-4x00/5000 Black Ink cart r'fi	13.64	15.00
5239-12	For use with BC21 BJ colour printhead Canon BJC-4x00/5000 Black/Colour BJ Ink Colour printhead, with BCI21C & BCI21BK ink cartridges preinstalled.	87.27	96.00
5238-12	Canon BJC-4x00/5000 Tri-colour lnk r'fl For use with BC21 BJ colour printhead, contains cyan, magenta and yellow inks in a single cartridge, 100 pages per colour.	31.45	34.60
5280-12	Canon BJC-50/70/80 Tri-Colour Ink Tank 3 pack For use with printhead BC11(5279) only.	17.27	19.00
5669-12	Canon BJC-5000/5100 Black Ink Cartridge Black combine printhead/ink cartridge.	55.45	61.00
5704-12	Canon BJC-6000 Black Printhead+Refill (Black print-head with BCI3BK installed	75.91	83.50
5705-12	Canon BJC-6000 Colour Printhead+Refills Colour print-head with BCI3C, BCI3M & BCI3Y pre installed	75.91	83.50
5706-12	Canon BJC-6000 Photo Clr Printhead+Refi Photo Colour print-head with BCl3PBK, BCl3PBC, & BCl3PM pre installed	88.18	97.00
5712-12	Canon BJC-6000/S520 Black Photo Refill Replaceable Black Ink Tank for Printhead BC32	17.55	19.30
5708-12	Canon BJC-6000/S520 Black Refill (BCl3B Replaceable Black Ink Tank for Printhead	20.45	22.50
5713-12	Canon BJC-6000/S520 Cyan Photo Refill (Replaceable Cyan Ink Tank for Printhead BC32	17.55	19.30
5709-12	Canon BJC-6000/S520 Cyan Refill (BCl3EC Replaceable Cyan Ink Tank for Printhead BC31	17.55	19.30
5714-12	Canon BJC-6000/S520 Magenta Photo Refil Replaceable Magenta Ink Tank for Printhead BC32	17.55	19.30
5710-12	Canon BJC-6000/S520 Magenta Refill (BCI Replaceable Magenta Ink Tank for Printhead BC31	17.55	19.30
5711-12	Canon BJC-6000/S520 Yellow Refill (BCl3 Replaceable Yellow Ink Tank for Printhead BC31	17.55	19.30
5188-12	Canon BJC-6x0 Ink Cartridge - BLACK HC	19.09	21.00
5189-12	Canon BJC-6x0 Ink Cartridge - CYAN	15.00	16.50
5190-12	Canon BJC-6x0 Ink Cartridge - MAGENTA	15.00	16.50
5191-12	Canon BJC-6x0 Ink Cartridge - YELLOW	15.00	16.50
5278-12	Canon BJC-70 Colour BJ Ink Cartridge Colour printhead with BCI11C(5279) & BCI11BK(5276) ink cartridges preinstalled	17.27	19.00
5778-12	CANON BJC-800/820/820D/900/9000 BCI6BK Replacement Black Ink Tank	23.00	25.30
5780-12	CANON BJC-800/820/820D/900/9000 BCI6M C	23.00	25.30
5782-12	CANON BJC-800/820/820D/900/9000 BCI6PC	22.73	25.00
5783-12	CANON BJC-800/820/820D/900/9000 BCI6PM	23.00	25.30
5781-12	CANON BJC-800/820/820D/900/9000 BCI6Y C	23.00	25.30
5779-12	CANON BJC-800/820/820D/i965/iP3000 BCI6 Also suits Canon i865,i965 & iP3000	23.00	25.30
5519-12	Canon i80 BCI-15BK Black Cartridge	24.55	27.00
5518-12	Canon i80 BCI-15C Colour Cartridge Needs a USB cable of the length you require.	40.00	44.00
4355-12	Canon LBP-2410 Toner Cart Black EP87Bk	116.36	128.00
4356-12	Canon LBP-2410 Toner Cart Cyan EP87C	135.45	149.00
4357-12	Canon LBP-2410 Toner Cart Magenta EP87M	135.45	149.00
4358-12	Canon LBP-2410 Toner Cart Yellow EP87Y	135.45	149.00
4331-12	Canon LBP-460W/660 Laser Toner	108.18	119.00
5486-12	Canon MPC20/30/50/70 Black Cartridge	77.27	85.00
0.100 12	Black cartridge for Multifunction printer, fax, scanner & copier.		00.

Printer Consumables - Citizen

5296-12 Citizen IDP35xx Black & Red Ribbons 11.73 12.90

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Kyocera FS-600/680 High Capacity Toner

Has a nominal capacity of 3,600 pages.

Kyocera KM-2030 Photocopier Toner

Kyocera FS-9100 Toner

5686-12

5336-12

5517-12

117.27

290.00

144.55

129.00

319.00

159.00

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5753-12	Eltron Thermal Tfr Ribbon 85mm x 91m	20.91	23.00
5838-12	IDNow Pro - Management S/w for Mag Card	771.82	849.0
	This software enables you to manage databases for several different print applications. Just upload image into IDNow and print.		
6830-12	Konica Minolta Toner QMS MC 2 & 2+ Blac Suits Minolta QMS magiCOLOUR 2 & 2+ laser printers	353.64	389.0
6829-12	Konica Minolta Toner QMS MC 2 & 2+ Cyan Suits Minolta QMS magiCOLOUR 2 & 2+ laser printers	344.55	379.0
6828-12	Konica Minolta Toner QMS MC 2 & 2+ Mage Suits Minolta QMS magiCOLOUR 2 & 2+ laser printers	344.55	379.0
6827-12	Konica Minolta Toner QMS MC 2 & 2+ Yell Suits Minolta QMS magiCOLOUR 2 & 2+ laser printers	344.55	379.0
6811-12	Minolta Fuser Oil & 1 Cleaning Kit	235.45	259.0
6729-12	Minolta Toner 1600/2600/2800 etc	226.36	249.0
5837-12	Persona Mag Card Printer Ribbon Suits C This ribbon will print approximately 125 colour cards, double sided. It will print about 250 cards if printed on one side only. 4 colour DYESUB (Yellow, Magenta, Cyan, Resin Black)	235.45	259.0
5515-12	Posiflex 5600D Ribbon Purple only	11.73	12.9
Printer Co	onsumables - Sipix		
	Sipix PDA/Notebook A6 Printer Paper Rol	14.55	16.0
5757-12	Six rolls of thermal paper to suit Sipix A6 PDA printer. Each roll 105mm x 2500mm.	14.55	
5758-12	Sipix PDA/Notebook A6 Printer Sheet Pap 100 sheets of thermal paper to suit Sipix A6 PDA printer. Each sheet 105mm x 148mm.	14.55	16.0
Printers -	Accessories		
5679-12	Canon BJC-6000/7100 USB to Parallel Cab IFC-Cable to suit the JBC-6000 & BJC-7100 to enable connectivity to iMac, Mac G3 & Windows 98 via USB.	113.64	125.0
5847-12	Label Direct Thermal 102mm x 124mm 333 38mm core.	21.82	24.0
5803-12	Label Direct Thermal 102mm x 48mm 38mm core.1000 per roll.	24.27	26.7
5860-12	Label Direct Thermal 102mm x 73mm 38mm 1000 labels per roll. Removable.	40.91	45.0
5877-12	Label Direct Thermal 102mm x 73mm 38mm 1000 labels per roll. Removable.	40.91	45.0
5853-12	Label Direct Thermal 102mm x 73mm 38mmC 1000 labels per roll. Removable.	53.64	59.0
5835-12	Label Direct Thermal 102mmx73mm 38mm co 800 labels per roll permanent glue.	31.82	35.0
5864-12	Label Direct Thermal 28mm x 50mm 2000	29.09	32.0
5878-12	Label Direct Thermal 40mm x 30mm 76mm n 4000 labels per roll. Price is for 4000 (1 roll) nonremovable.	36.36	40.0
5883-12	Label Direct Thermal 55mm x 35mm 38mm core.1000 per roll.	25.00	27.5
5859-12	Label Direct Thermal 56mm x 25mm 38mm core.1000 per roll.	22.64	24.9
5804-12	Label Sprocket Holed 100mm x 36mm 1000 Per Roll. 10 Rolls per pack.	18.09	19.9
5889-12	Label Thermal Transfer 100mm x 50mm. 10 38mm core. 1000 labels per roll.	71.82	79.0
5890-12	Label Thermal Transfer 100mmx149mm 1000 Suite CL408 printer 1000 per roll.	68.18	75.0
5862-12	Label Thermal Transfer 102mm x 124mm 33 38mm core. 333 labels per roll. Price is per 1000 labels (3 rolls per 1000)	40.00	44.0
5795-12	Label Thermal Transfer 102mm x 36mm per 38mm core. 1000 Labels Per Roll.	19.09	21.0

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Printers -	Accessories		
5881-12	Label Thermal Transfer 40mm x 28mm 2000 38mm core - price is per roll 2000 on roll	31.82	35.00
5885-12	Label Thermal Transfer 40mm x 28mm 2000 38mm core - price is per roll 2000 on roll	31.82	35.00
5842-12	Label Water Resistant 63mmx23mm 2000 la 2000 Labels per roll. 38mm core.	44.55	49.00
5882-12	Ribbon Thermal Trans 57mmx74mm	18.18	20.00
5894-12	Ribbon Thermal Transfer - 40mm Wide 25m 300m long.	34.55	38.00
Printers -	Canon		
5142-12	Canon BJ-330 2nd Bin S/Feeder	122.73	135.00
5426-12	Canon BJC-7000/7100 Black Cartridge BC6 Up to 900 page capacity in HQ mode and up to 3600 pages in draft mode.	79.09	87.00
5427-12	Canon BJC-7000/7100 Colour Printhead BC Colour printhead with BCI61 ink tank preinstalled	79.09	87.00
5429-12	Canon BJC-7000/7100 Colour R'fill Replaceable colour ink tank. Up to 2800 pages in draft @ 5% coverage.	47.27	52.00
5666-12	Canon BJC-7000/7100 Photo Colour Printh Photo Colour printhead with BCI62e ink tank preinstalled. Backward compatible to the BC-62 (BJC-7000 cartridge, but will not give you the 25 shades of each colour).	91.82	101.00
5430-12	Canon BJC-7000/7100 Photo R'fl Ink Tank Replaceable PhotoRealism ink tank. 530 page capacity in HQ mode	60.91	67.00
5813-12	CANON i6100 Colour Bubble Jet Printer An affordable large format printer for the home or small office. Print speed up to 12ppm in black and white, 2400 x 1200 dpi, individual ink tanks, Up to A3 size printing - 329x483mm, incudes image s/w suite with easy photo print. Needs a USB cable of the length you require.	553.64	609.00
5510-12	Canon i80 Portable Printer Colour - USB The i80 Bubble Jet printer is everything you'd expect from a high-performance desktop printer, in a lightweight, portable design. It combines impressive document print speeds and outstanding quality photo printing with the convenience of direct photo printing from compatible digital cameras. Add to this the optional addition of a Bluetooth adaptor for wireless printing from any Bluetooth-enabled computer, mobile phone or PDA and the result is complete mobile printing freedom. Needs a USB cable of the length you require.	408.18	449.00
5856-12	CANON i965 Colour Bubble Jet Printer The Canon i965 has been specifically designed for professional quality photographic printing. Using a combination of six high/low density colour inks and Canon's 2 picolitre Advanced MicroFine Droplet Technology, the i965 achieves 4800dpi resolution to deliver superb image sharpness and colour reproduction. Better still, this high quality does not come at the expense of speed, with the i965 producing a high resolution 8"x10" glossy photo in around a minute. Needs a USB cable of the length you require.	499.09	549.00
5802-12	CANON i9950 Colour Bubble Jet Printer Up to A3` Needs a USB cable of the length you require.	908.18	999.00
5854-12	CANON iP3000 Colour Bubble Jet Printer Needs a USB cable of the length you require.	226.36	249.00
5858-12	CANON iP5000 Colour Bubble Jet Printer The PIXMA iP5000 Bubble Jet printer is capable ejecting microscopic 1 picolitre ink droplets and achieving 9600 x 2400 dpi to ensure even smoother gradation by eliminating graininess. Needs a USB cable of the length you require.	326.36	359.00
5487-12	Canon LBP-1120 10ppm Laser Printer A 10ppm laser with face up or down paper delivery, 125 page multi-purpose tray. Needs a USB cable of the length you require.	235.45	259.00
5522-12	Canon LBP-2410 Colour Laser Printer Needs a USB cable of the length you require.	726.36	799.00
5892-12	CANON Multi Printer Copier Scanner Fax The imageCLASS MF5650 is a professional solution for growing businesses. It combines a fax, scanner, digital copier and a laser printer in one flatbed design, saving much needed office space. The MF5650 provides the business essentials for busy offices at an exceptional price, without compromising on performance. The convenient all-in-one design brings wide appeal to a variety of customers for business automation. Copy with ease at 18 cpm* and colour scan to your PC easily with a 50-page Automatic Document Feeder (ADF). The MF5650 has many convenient copy features such as electronic collating, 2-in-1 copying and 50% to 200% reduction/enlargement. Professional laser print resolution of 600 x 600 dpi at up to 18 ppm*. Huge fax memory of up to 250 pages** plus storage for 130 speed dials. Standard with 250-sheet paper cassette, single sheet multi-stack bypass and all-in-one toner cartridge.	544.55	599.00

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Printers -	Canon		
5863-12	CANON Multi Printer Copier Scanner Fax Featuring Canon's new advanced print head technology, FINE (Full-photolithography Inkjet Nozzle Engineering), that enables photolab quality printing, the PIXMA All-in-One printers combine printer, scanner, copier and fax1 functionality into a single unit at an affordable price. Needs a USB cable of the length you require.	544.55	599.0
5829-12	CANON Multi-Function Print Copy Scan MP	444.55	489.0
Printers -	Epson		
5333-12	Epson LQ-300 Plus Dot Matrix 240cps 24 24 Pin dot matrix, 80 col, 240 cps draft, 80cps LQ (12cpi), 10 fonts, detachable push/pull tractor, Smartpak, parallel & serial interface.	499.09	549.00
5356-12	Epson LX-300 Dot Matrix 264cps 9 Pin 9 Pin dot matrix, 80 col, 264 cps draft, 53cps NLQ, 3 fonts, detachable push/pull tractor, Smartpak, parallel & serial interface.	380.91	419.00
5324-12	Epson Stylus 400/800/800+/1000 Dbl Blk Twin pack x S020025	26.36	29.0
5433-12	Epson Stylus 400/800/800+/1520 Colour C	17.27	19.0
Printers -	Hewlett Packard		
5503-12	HP Business Inkjet 2230 Black Print Car	80.91	89.0
5509-12	HP Business Inkjet 2230 Cyan Print Cart	62.73	69.0
5508-12	HP Business Inkjet 2230 Magenta Print C	62.73	69.0
5516-12	HP Business Inkjet 2230 Yellow Print Ca	62.73	69.0
5500-12	HP Colourfast Photo Paper 4R 240gsm 20	21.36	23.5
5499-12	HP Colourfast Photo Paper A4 240gsm 20	34.55	38.0
5504-12	HP Deskjet 5160 Printer + USB Cable	199.09	219.0
5491-12	HP Laserjet 3030 All-In-One HP LASERJET 3030 ALL IN ONE 1200 dpi (print), 14 ppm A4, 240 MHz, 32 MB RAM, Par, USB, 150-sheet input, 50-sheet ADF, 7K pages per month. Printer/fax/scanner/copier	780.91	859.0
5495-12	HP OfficeJet 5510 Multi-Function HP All In One colour printer for the home or office. Print speed 12ppm black, 10ppm colour, 600 dpi black print, 300 dpi fax, optical 600 x 1200 dpi scan, 70 page fax mem, 5 one touch keys.	417.27	459.0
5511-12	HP Officejet PSC 1350 All-In-One Printe Print, Scan, Copy	262.73	289.0
5513-12	HP Officejet PSC 2410 All-In-One Printe ALL-IN-ONE PRINTER, FLATBED FAX, SCANNER, & COPIER	499.09	549.0
5492-12	HP Officejet PSC 2510 All-In-One 21ppm/cpm black & 15ppm/14cpm col, PCL L3 enhanced 1200dpi black & PhotoREt 3 or 4,, 1200x2400dpi opt Fax- 3s/pg at 33.3kbps, USB & 10/100Base-T,802.11b	690.00	759.0
5496-12	HP OfficeJet PSC2210 Multi-Function HP All In One colour printer for the home or office. USB, 1200 x 1200 dpi black, PCL level 3, 17ppm black, 12ppm colour, Scan resolution 1200 x 2400 dpi optical	490.00	539.0
5494-12	HP Photosmart 7550 Colour Inkjet Printe 16Mb, 1200 dpi black, 17pm black, 13ppm colour, up to 4800 x 1200 dpi colour, USB.	595.45	655.0
5497-12	HP Photosmart 7550 Tri Colour Ink Cartr	77.27	85.0
5498-12	HP Photosmart 7550 Tri Colour Photo Ink	62.73	69.0
Printers -	Kyocera		
5362-12	Kyocera Ethernet 10Base2/10BaseT connec	513.64	565.0
5298-12	Kyocera FS 1MB Upgrade	115.45	127.0
5305-12	Kyocera FS 2MB SIMM Memory For FS-400, FS-1550, (max 1) FS-1660 and FS-3600 (max 2).	173.64	191.0
5254-12	Kyocera FS 4MB SIMM memory For FS-400, FS-1550, (max 1) FS-1660 and FS-3600 (max 2).	211.82	233.0
5266-12	Kyocera FS-1000/FS-1010 Laser Toner 600	153.64	169.0
5409-12	Kyocera FS-1700/3700 Paper Path Adapter Adaptor for use with paper feeder/PF-20, duplex unit/DU-20	50.45	55.5
5771-12	Kyocera FS-1800 Additional Bin Feeder	560.91	617.0

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Printers -		EX GD1	THE GST
		1511 55	4600.00
5759-12	KYOCERA FS-1800 LASER 16ppm KYOCERA FS-1800 comes with 1 500 sheet feeder cassette. Prints at a rate of 16ppm and is complete with 8mg of RAM. A4 1200 dpi and a 200megahertz CPU.	1544.55	1699.00
5772-12	KYOCERA FS-1800 LASER 16ppm + Extra Bin KYOCERA FS-1800+1B comes with 2 x 500 sheet feeder cassettes. Prints at a rate of 16ppm and is complete with 8mg of RAM. A4 1200 dpi and a 200megahertz CPU.	2390.00	2629.0
5707-12	KYOCERA FS-1800N LASER 16ppm (With Netw KYOCERA FS-1800N LASER 16ppm. Product can be connected to a network. A4 1200dpi 24mg RAM. Comes with a 500 sheet feeder cassette.	2163.64	2380.0
5765-12	Kyocera FS-3800 Laser Ecosys 24ppm A4, laser, 24ppm, 1200 x 1200dpi, 16MB std/272MB max 200Mhz, 500 sheet tray, 100 sheet multi, parallel, slot for NIC, 100,000 pages/month.	1635.45	1799.00
5462-12	Kyocera FS-6700 Laser Ecosys 20ppm A3 Up to 20ppm 600 x 600dpi resolution, 4MB memory (68MB max.) single bin (350 sheets) PCL5e & postscript emulations, parellel & serial ports, 45 scalable fonts, 79 bitmap fonts, 45 barcodes.	2750.00	3025.00
5893-12	Kyocera FS-720 Mono Laser Printer A4	317.27	349.00
5797-12	Kyocera FS-9100DN Laser 36PPM Network P The FS-9100DN comes standard with network connection, duplex unit, 2 x 500 sheet drawer + 1 x 200 sheet Multi-Purpose tray, Postscript Level 3 Emulation, 600x600 dpi, 3.2Gb hard disk and barcode reader, 32MB memory.	4540.91	4995.00
5372-12	Kyocera FS-series Envelope Feeder For use with Fs1500/1550/1600/3400/3600 printers	334.55	368.0
Printers -	Lexmark		
5355-12	Lexmark ExecJet IIC Black Ink Cartridge 1,000 pages (max @ 5% coverage)	17.27	19.0
5360-12	Lexmark ExecJet IIC Clr Ink Cartridge	26.36	29.0
Printers -	Miscellaneous		
5880-12	Business Card Scanner - USB WorldCard Color V5.2, Black, Business Card Scanner, A6 Name Card Scanner, includes USB cable, Manual and CD-ROM. Categorise, search, manage and set up card information database, Scan card data directly to Outlook / Outlook Express / Palm, Export card data to Excel/Outlook/PDAs and other PIM, Support English & European language, Use standard USB without external power adaptor, Support infrared transmission to PDAs and mobile phones, Get software upgraded via internet, Scan and process business card and photo in color, Syncs card data with contact managers and PIMs & PDAs, Come with a PDA software to browse card image directly on PDA.	226.36	249.00
5818-12	Casio Black Ink Ribbon for CDR-R Title Replacement Ink Ribbon for Casio CW50.	19.09	21.00
5819-12	Casio Blue Ink Ribbon for CDR-R Title P Replacement Ink Ribbon for Casio CW50.	19.09	21.0
5817-12	Casio CDR-R Title Printer USB If you are ashamed of all those CD's with titles scribbled in fat marker pen, then here is your answer. This compact desktop printer provides a neat and simple labelling solution. Connects to PC via USB.	153.64	169.00
5821-12	Casio Green Ink Ribbon for CDR-R Title Replacement Ink Ribbon for Casio CW50.	19.09	21.0
5820-12	Casio Red Ink Ribbon for CDR-R Title Pr Replacement Ink Ribbon for Casio CW50.	19.09	21.00
5822-12	Casio Silver Ink Ribbon for CDR-R Title Replacement Ink Ribbon for Casio CW50.	19.09	21.0
5632-12	OKI ML Series Serial Interface For ML 390/391/320/321/520/521/590/591 printers.	83.18	91.5
5756-12	Sipix PDA/Notebook A6 Printer Print directly from your Palm to this battery operated A6 size printer via infrared link. This portable printer can operate from internal batteries or external power and can use a roll of thermal paper or A6 sized thermal sheets. A USB port is also provided to connect to a Notebook or desktop PC.	135.45	149.00
Printers -	SAMSUNG		
5520-12	Samsung Toner for ML-1510 ML-1710 & ML-	117.27	129.00

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Printers -	Seiko		
5502-12	Label Printer Seiko 100 Multi Purpose L Multi purpose label to suit Seiko SLP100 printer. Measurements are 28mm x 51mm. These labels are sold 2 rolls per box with 220 labels on each roll.	34.55	38.00
5501-12	Label Printer Seiko 100 Standard Addres Standard address label to suit Seiko SLP100 printer. Measurements are 28mm x 89mm. These labels are sold 2 rolls per box with 130 labels on each roll.	30.00	33.00
5338-12	Label Printer Seiko 200 USB&Serial Allows the Seiko Label Printers to run over a network.	404.55	445.00
5488-12	Label Thermal Printer Seiko 100 USB/Ser Supports Windows 95,98 ME,XP,Windows NT 4.0 and 2000. Takes about 8 seconds per label to print. ONE label size up to 28.57mm wide x 22.90mm. Connect up to 5 users.	344.55	379.00
5505-12	Label Thermal Printer Seiko 200 Network Supports Win 95, 98, ME, XP, NT 4.0 or Windows 2000. 10 different label sizes available. 8 seconds per label.	471.82	519.00
5489-12	Label Thermal Printer Seiko 240 Network Supports Windows 3.1, Windows 95 or Windows NT 4.0. Takes about 3 seconds per label to print. TEN label sizes. Connect up to 5 users.	653.64	719.00
Printers -	- Star		
5351-12	Star LC-7211 Flat Bed Printer 9 Pin 12 inch carriage flat bed dot matrix printer, 270cps draft, 67cps NLQ, 6 fonts - Courier, Sanserif, Roman, Orator, Draft, Presige. Multi-part print - Original + 6 copies, paper parking, push tractor, friction feed, rear feed, auto-loading,	737.27	811.00
5352-12	Star LC-8211 Flat Bed Printer 24 Pin 12 inch carriage flat bed dot matrix printer, 270cps draft, 90cps NLQ, 6 fonts - Courier, Sanserif, Roman, Orator, Draft, Presige. Multi-part print - Original + 4 copies, paper parking, push tractor, friction feed, rear feed, auto-loading,	855.45	941.00
5015-12	Star LC10II Sheet Feeder	174.55	192.00
Scanners	s - Flatbed		
1008030-12	Scanner AVISION ScanPartner 820C The AVISION 820C scanner is capable of both flatbed scanning and ADF scanning. The document feeder is NOT an option but an integral part of the design. 20PPM scan speed, 24 bit 1 pass colour processing with 600dpi. A 50 page capacity makes it versatile for general business use.	2271.82	2499.00
9161-12	Scanner CANON CS5200F Flatbed Scanner A4 2400x4800dpi flatbed scanner offering 2400x4800dpi film document scanning and 48 bit input, 24 or 48 bit output for Windows 98, ME. 2000, XP and USB Mac Systems.	326.36	359.00
9246-12	Scanner CANON CS8400F Flatbed Scanner	453.64	499.00
9241-12	Scanner CANON CS9950F Flatbed Scanner	726.36	799.00
1008077-12	Scanner CANON LIDE20 USB Flatbed Scanne A4 Full colour flatbed scanner with 48 bit colour input for windows 98, 2000 ME XP pro/home and USB Mac systems. Aluminium lid.	99.09	109.00
9195-12	Scanner EPSON Perfection 1670 PHOTO	290.00	319.00
9075-12	Scanner FUJITSU 4120C2 Image Scanner US High End Scanner	1299.00	1428.90
1008029-12	Scanner Fujitsu ScanPartner 620C The Fujitsu 620C scanner is capable of both flatbed scanning and ADF scanning. The document feeder is NOT an option but an integral part of the design. 20PPM scan speed, 24 bit 1 pass colour processing with 600dpi. A 50 page capacity makes it versatile for general business use. This scanner also needs an Interface kit(Cable & Card). Cat No. 1008031.	2635.45	2899.00
1008031-12	Scanner Fujitsu ScanPartner 620C Interf This kit is made up of the card & cable to run with the Scanpartner 620C. Cat No. 1008029.	180.91	199.00
8412-12	Scanner UMAX SCSI II Card	85.91	94.50
Security	- Hardware		
9237-12	Finger Print Reader for Secure Access t Authentication using fingerprints achieves higher security and greater convenience than conventional	180.91	199.00

passwords.

 ${\it The user simply places his/her finger on the reader and waits briefly for authentication-less than one}$

The module connects via a USB 2.0 port and is complete with software for Win 98SE/ME/2000/XP. Intergrates into the windows login and allows for account management

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	Hardware	50.04	
8311-12	Security Lock for CPU and Monitor This system has been designed to deter the theft of any desktop computer, printer, photocopier, facsimile machine, video, TV or stereo - in fact any portable equipment. The system includes - three powder coated steel plates (50mm x 80mm) with 3M industrial Very High Bond tape and 4 screw holes - one 1.5 metre x 3mm coated cable looped at both ends - 15mm case hardened padlock (keyed alike or to different) - three cleaning pads - installation sheet - colour co-ordinated.	53.64	59.00
8468-12	Security Lock for Notebook	90.00	99.00
8545-12	Wireless PC Lock Lock your computer while you're away from your desk. Ideal for bank tellers, parents, shop tellers and security-conscious office workers.	44.55	49.00
Sharing &	Extending Devices - Computers		
11645-12	Console Extender Combo Cables 10 Metres	117.27	129.00
11662-12	Console Extender for PS/2 Computer via Allows one keyboard, monitor and mouse to be operated up to 150m from the PC. The connection between the sender and receiver unit is via Cat5 STP cable.	426.36	469.00
11652-12	Console Extender for PS/2 Computer via Locate your keyboard, monitor and mouse up to 150m from the computer. All control and data is transmitted via UTP cable. A conversion box at each end translates between the UTP and standard peripheral cables. Supports VGA resolutions up to 1280 x 1024. Comes with PS/2 and VGA cables.	299.09	329.00
11661-12	Console Extension Cable PS2/VGA 5m	90.00	99.00
11674-12	IP KVM Switch Our IP KVM switch allows you to access your servers and PCs from anywhere you have internet access - down to BIOS level. You can even reload the operating system from your local CD drive to the remote server.	999.09	1099.00
	The switch is connected as the "console" for your existing KVM switch or it can be connected directly to a single PC.		
11676-12	Fully integrated, 8, 16 or 32 port IP KVM switches will be available in March 2005. KVM 2 PC - Dual monitor support - PS/2	153.64	169.00
	* 2-port Dual Monitor PS/2 KVM Switch in metal enclosure * Support Dual Monitor * PS/2 style keyboard and mouse control * Support Microsoft IntelliMouser, IntelliMouse Explorerr, Logitech NetMouser and other compatibles * Direct channel selection and operation using Front-panel push button and keyboard hotkeys * Support for DOS, Windows 95/98/SE/ME/2000/XP, Linux, etc * Hot-plugging PCs for maintenance without powering down the KVM Switch or PCs * Numerical LED display for easy port status monitoring * Plug-and-play, no Windows driver software needed for PS/2 keyboard and PS/2 operation * Buzzer sound for port switching confirmation		
	* High VGA resolution 1920 x 1440 * Metal enclosure for best shielding and protection		
11610-12	KVM 2 PC Controller AT-PS/2 Serial Mous Allows one keyboard, monitor and mouse to control 2 PCs. Ideal for dual file server installations.	90.00	99.00
11668-12	KVM 2 PC Controller PS/2 w Sound and Ca Allows one keyboard, monitor and mouse to control 2 PCs. Switches the sound as well as the KVM. Includes 1.2m cables hard wired between the computers and the switch box. The keyboard, video and mouse plug directly into the switch box. This model is switchable by hot keys only.	80.91	89.00
11669-12	KVM 2 PC Controller PS/2 w Sound and Ca Allows one keyboard, monitor and mouse to control 2 PCs. Switches the sound as well as the KVM. Includes 1.2m cables hard wired between the computers and the switch box. The keyboard, video and mouse plug directly into the switch box. This model is switchable by hot keys or push button. Powered by PS2 port or external power is optional.	80.91	89.00
11671-12	KVM 2 PC Controller USB w Sound and Cab Control two PCs with one keyboard, monitor, and mouse. Connects to the PCs with USB cable and takes PS/2 keyboard and mouse. Comes with 1.8m cables.	80.91	89.00
11670-12	KVM 4 PC Controller PS/2 w Sound and Ca Allows one keyboard, monitor and mouse to control 2 PCs. Switches the sound as well as the KVM. Includes 1.2m cables hard wired between the computers and the switch box. The keyboard, video and mouse plug directly into the switch box.	117.27	129.00
11631-12	This model is switchable by hot keys or push button. Multi PC Controller 8 way PS/2 & AT Allows one keyboard, monitor and mouse to control up to 8 PCs via DB25 pin connections on the back of the switch box. Requires 11633 and/or 11634 to connect the computer to the controller. Requires a PS/2 mouse, standard or PS/2 keyboard and VGA monitor.	870.00	957.00

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Sharing &	Extending Devices - Computers		
11633-12	Multi PC Controller AT Cable via DB25 Cable to connect standard AT computer to 11631 switch box. DB25 D-type connector to back of switch box out to 5-pin-DIN Male (KEYBOARD), DB 9-PIN female (MOUSE) and HD 15-pin Male (MONITOR).	50.91	56.00
11634-12	Multi PC Controller PS/2 Cable via DB25 Cable to connect PS/2 computer to 11631 Switch box. DB25 D-type connector to back of switch box out to 6-pin-MINI DIN Male (KEYBOARD), 6-pin-MINI DIN Male (MOUSE) and HD 15-pin Male (MONITOR).	54.55	60.00
11657-12	Multi-PC Controller 16 way PS/2-KVM Swi Use one keyboard, monitor and mouse to control 16 PCs. It supports Microsoft Intellimouse, Logitech Net Mouse etc. and is suitable for DOS, Win 3.x/9x/ME/NT/2000, Netware UNIX and Linux. PC selection is via a push button or keyboard hot keys. All input and output connectors are female, the mouse and keyboard are PS/2 and the VGA is HD DB15. Switch box to computer cables are available separately, typical combination cables are as follows: 1.8m Cat No 9128, 5m Cat No 9129.	726.36	799.00
11663-12	Multi-PC Controller 2 way DVI PS/2 - KV A two way KVM switch for use with a DVI monitor and PS/2 mouse and keyboard.	153.64	169.00
11654-12	Multi-PC Controller 2 way PS/2 - KVM Sw Use one keyboard, monitor and mouse to control 2 PCs. It supports Microsoft Intellimouse, Logitech Net Mouse etc. and is suitable for DOS, Win 3.x/9x/ME/NT/2000/XP, Netware UNIX and Linux. PC selection is via a push button or keyboard hot keys. All input and output connectors are female, the mouse and keyboard are PS/2 and the VGA is HD DB15. Switch box to computer cables are available separately, typical bundled cables (ie mouse keyboard and monitor cables bundled into one) are as follows: 1.8m Cat No 9128, 5m Cat No 9129.	71.82	79.00
11658-12	Multi-PC Controller 2 way USB - KVM Swi Use one keyboard, monitor and mouse to control 2 PCs. Connect the PCs to the switch box with USB cables and a vga cables. Either PS/2 or USB, keyboard and mouse, can be used to control the PCs. The monitor plugs directly into the switch box. They are suitable for use with Win98/SE/ME/2000/XP. If a PS/2 keyboard and mouse are used, the USB ports allow USB devices to be shared by the computers. PC selection is via push button or keyboard hot keys. The PCs can be selected individually or they can be auto scanned. The computer to switch box cables are available separately.	71.82	79.00
11655-12	Multi-PC Controller 4 way PS/2 - KVM Sw Use one keyboard, monitor and mouse to control 4 PCs. It supports Microsoft Intellimouse, Logitech Net Mouse etc. and is suitable for DOS, Win 3.x/9x/ME/NT/2000, Netware UNIX and Linux. PC selection is via a push button or keyboard hot keys. All input and output connectors are female, the mouse and keyboard are PS/2 and the VGA is HD DB15. Switch box to computer cables are available separately. Typical combination cables are as follows: 1.8m Cat No 9128, 5m Cat No 9129. Optional power adapter only required if used with a laptop.	117.27	129.00
11649-12	Multi-PC Controller 4 way ServerLink PS With a ServerLink you can monitor or fully control up to 16 network servers (with the right model) with just one monitor, keyboard and mouse. Select any computer via pop-up menu or front panel. Name each computer for simple selection, standard cables used throughout. Auto scan for periodic PC monitoring, mouse & keyboard emulation for flawless booting. Stores caps lock/num lock/scroll lock for each PC. Supports PS/2 and Serial MOUSE EMULATION. Only one physical mouse required to operate both PS/2 and Serial PC's. Supports VGA, SVGA and multisync monitors. 100Mhz video bandwidth provides crisp display. The 4 way is not rack mountable.	417.27	459.00
11659-12	Multi-PC Controller 4 way USB - KVM Swi Use one keyboard, monitor and mouse to control 4 PCs. Connect the PCs to the switch box with USB cables and vga cables. Either PS/2 or USB, keyboard and mouse, can be used to control the PCs. The monitor plugs directly into the switch box. They are suitable for use with Win98/SE/ME/2000/XP. If a PS/2 keyboard and mouse are used, the USB ports allow USB devices to be shared by the computers. PC selection is via push button or keyboard hot keys. The PCs can be selected individually or they can be auto scanned. There is also On Screen Display (OSD) and access password protection. The computer to switch box cables are available separately.	317.27	349.00
11656-12	Multi-PC Controller 8 way PS/2 -KVM Swi Use one keyboard, monitor and mouse to control 8 PCs. It supports Microsoft Intellimouse, Logitech Net Mouse etc. and is suitable for DOS, Win 3.x/9x/ME/NT/2000, Netware UNIX and Linux. PC selection is via a push button or keyboard hot keys. All input and output connectors are female, the mouse and keyboard are PS/2 and the VGA is HD DB15. Switch box to computer cables are available separately. Typical combination cables are as follows: 1.8m Cat No 9128, 5m Cat No 9129.	408.18	449.00

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11653-12	Multi-PC Controller 8 way ServerLink PS With a ServerLink you can monitor or fully control up to 16 network servers (with the right model) with just one monitor, keyboard and mouse. Select any computer via pop-up menu or front panel. Name each computer for simple selection, standard cables used throughout. Auto scan for periodic PC monitoring, mouse & keyboard emulation for flawless booting. Stores caps lock/num lock/scroll lock for each PC. Supports PS/2 and Serial mouse emulation. Only one physical mouse required to operate both PS/2 and Serial PC/2. Supports VGA. SVGA and multiple monitors. 100Mhz video handwidth provides erish	1090.00	1199.00
9128-12	Serial PC's. Supports VGA, SVGA and multisync monitors. 100Mhz video bandwidth provides crisp display. Multi-PC Controller Bundled Cable 1.8m	35.45	39.00
· · - · · ·	Three cables moulded together for connection between KVM switch boxes and PCs. Consists of 1 x PS/2 Male/Male mouse cable, 1 x PS/2 Male/Male keyboard cable, and 1 x Male/Male VGA cable. These are high quality low loss cables which utilise coaxial cables for the video signals. Suitable for KVM switch boxes, Cat Nos 11654, 11655, 11656 and 11657.		00.00
9208-12	Multi-PC Controller Bundled Cable 10m M	80.91	89.00
9137-12	Multi-PC Controller Bundled Cable 3.0m Three cables moulded together for connection between KVM switch boxes and PCs. Consists of 1 x PS/2 Male/Male mouse cable, 1 x PS/2 Male/Male keyboard cable, and 1 x Male/Male VGA cable. These are high quality low loss cables which utilise coaxial cables for the video signals. Suitable for KVM switch boxes, Cat Nos 11654, 11655, 11656 and 11657.	53.64	59.00
9138-12	Multi-PC Controller Bundled Cable 4.5m Three cables moulded together for connection between KVM switch boxes and PCs. Consists of 1 x PS/2 Male/Male mouse cable, 1 x PS/2 Male/Male keyboard cable, and 1 x Male/Male VGA cable. These are high quality low loss cables which utilise coaxial cables for the video signals. Suitable for KVM switch boxes, Cat Nos 11654, 11655, 11656 and 11657.	71.82	79.00
9129-12	Multi-PC Controller Bundled Cable 5m Three cables moulded together for connection between KVM switch boxes and PCs. Consists of 1 x PS/2 Male/Male mouse cable, 1 x PS/2 Male/Male keyboard cable, and 1 x Male/Male VGA cable. Suitable for KVM switch boxes, Cat Nos 11654, 11655, 11656 and 11657.	126.36	139.00
11673-12	Multi-PC Controller IP Remote Access De Access your servers from anywhere in the world! The ServerLink IP allows network administrators to manage, configure, troubleshoot and even reboot remote servers from any web browser. Businesses can now increase productivity by minimising downtime and reducing travel costs and expensive service calls. Security for your sensitive data is assured using 128 bit Secure Sockets Layer (SSL) encryption with an MD5 and DAA encrypted login screen. The ServerLink IP allows you to connect directly to servers at the BIOS level and is compatible with most existing KVM switches.	1208.18	1329.00
11642-12	Multi-PC Controller S'Link Cable AT 2m Contains 1 x DB09 Male/Female serial cable, 1 x 5 pin DIN Male/Male keyboard cable, and 1 x Male/Female VGA cable	35.45	39.00
11647-12	Multi-PC Controller S'Link Cable AT 5m Serverlink cables are made from high quality componentry to ensure crisp video display and error free switching. Each cable has 1 x DB15F, 1 x 5 Pin DIN M,1 x DB9F connectors.	65.91	72.50
11648-12	Multi-PC Controller S'Link Cable PS/2 1 Serverlink cables are made from high quality componentry to ensure crisp video display and error free switching. Each cable has DB15F, PS/2Mx2 connectors.	117.27	129.00
11646-12	Multi-PC Controller S'Link Cable PS/2 5 Serverlink cables are made from high quality componentry to ensure crisp video display and error free switching. Each cable has DB15F, PS/2Mx2 connectors.	65.91	72.50
11651-12	PC Share 2 Consoles with 1 Computer A Control one computer from two different locations with two keyboards, monitors and mouses. Control is from one keyboard at a time and can be transferred after an adjustable timeout period. Input and output keyboard and mouse connectors are 6 pin MiniDIN female. Monitor input and output connectors are High Density DB15 female. There is also a DB9 female for a serial mouse and DB9 male connectors to the consoles. DIP switches allow the timeout before transfer to be adjusted between 5 seconds and 90 seconds. They also enable or disable privacy mode and enable or disable the screen saver. Cables are available separately.	217.27	239.00
11667-12	PC Share 2 Consoles with 1 Computer B Control one computer from two different locations with two keyboards, monitors and mouses. Cables from the PC to the switch box are included. P/n 9028 VGA M/F 2m P/n 9003 DB9 M/F 2m P/n 9043 PS2 M/F 2m these are needed to extend Monitor/Kb/Mse	126.36	139.00
11666-12	USB Extender to 50m via UTP Allows a USB port to be extended up to 50 m. The device use two "black boxes" with USB on either side and connected via UTP cable (not included). Ideal for setting up low cost web cams.	95.45	105.00
11607-12	VGA 12 PC Controller Std 5 pin DIN Allows one keyboard, monitor and mouse to control up to 12 PCs. Ideal for multiple file server installations or when you want to control multiple PCs or while performing burn-in tests.	532.73	586.00

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11611-12	VGA 2 PC Controller PS/2 Connection Allows one keyboard, monitor and mouse to control 2 PCs. Ideal for dual file server installations.	404.55	445.00
11609-12	VGA 4 PC Controller PS/2 & Std Con. Allows one keyboard, monitor and mouse to control up to 4 PCs. Includes connections for both PS/2 and standard connections.	271.82	299.00
12041-12	VGA Mon-AT Kb-Serial Mouse Sw Box 4 way A four way manual switch box that will switch keyboards, VGA monitors and serial mouses from the one switch. It is not an active device and therefore limited in distance and it needs to be switched to the particular computer as it boots. Connections on the switch box are female DB15 and 5 pin DIN, the serial connections are DB9 female.	50.00	55.00
12050-12	VGA Monitor/PS/2 Kb & Mouse 4way S/box A four way manual switch box that will switch PS/2 keyboards, VGA monitors and PS/2 mouses from the one switch. It is not an active device and therefore limited in distance and it needs to be switched to the particular computer as it boots. All connections on the back of the switch box are female. Needs 4 x #9040 cable for monitors and 8 x #9046 for PS2mouse & PS2 keyboard.	35.45	39.00
11630-12	VGA PC Share Extension Cable 30m	189.09	208.00

Sharing & Extending Devices - Keyboards

An extension cable for Cat No 11606

11603-12 Keyboard Extender 153.64 169.00 Boosts keyboard signal so that it can operate over 80 meters from the computer.

Sharing & Extending Devices - Monitors

3538-12	Overhead Projector AV Switch Box - 8 Wa	453.64	499.00
	How many times have you been to a presentation or seminar and there has been a great kerfuffle at the end of each speech. First one speaker unplugs his notebook from the overhead projector and then the next speaker connects his		
	Our new switch box will allow all the fiddling to be done before hand and then it is simply a matter of pressing a push button on the remote control to select the appropriate source. The switch box accepts resolutions up to 1600 x 1200 and also includes sound support.		
3070-12	VGA Splitter 2 way Max Distance 75m These splitter modules enable 2 monitors to share the same information of a host PC simultaneously. The ideal way of providing multiple displays in training rooms, airport terminals, stock rooms, clubs, etc. The splitter may be up to 7.5m from the computer while the monitor may be up to 75m from the splitter. They are suitable for VGA, Super VGA and XVGA monitors. Maximum Resolution 1280 x 1024.	180.91	199.00
3055-12	VGA Splitter 4 way Max Distance 50m These splitter modules enable 4 monitors to share the same information of a host PC simultaneously. The ideal way of providing multiple displays in training rooms, airport terminals, stock rooms, clubs, etc. The splitter may be up to 7.5m from the computer while the monitor may be up to 50m from the splitter. They are suitable for VGA, Super VGA and XVGA monitors. Maximum Resolution 1280 x 1024.	235.45	259.00
3056-12	VGA Splitter 8 way Max Distance 50m These splitter modules enable up to 8 monitors to share the same information of a host PC simultaneously. The ideal way of providing multiple displays in training rooms, airport terminals, stock rooms, clubs, etc. The splitter may be up to 7.5m from the computer while the monitor may be up to 50m from the splitter. They are suitable for VGA, Super VGA and XVGA monitors. Maximum Resolution 1280 x 1024.	344.55	379.00

Sharing & Extending Devices - Printers

3	3		
12020-12	Printer Extender to 400m Non Powered Basically a parallel to serial converter at the computer end and a serial to parallel converter at the printer. A simple elegant solution to operating a printer at up to 400m from the computer. Includes a 7m length of 4 wire telephone cable to connect the sending and receiving modules. Transfer rate is up to 21 kBytes/sec. Can be powered with a 9V DC 100mA adapter to the spare power jack if either unit doesn't have enough driving ability.	80.91	89.00
12023R-12	Sw. Box Parallel 8 to 1 Auto	280.91	309.00
12010-12	Sw. Box Parallel ABCD Manual C36 Female The 4 way version of Cat.No.12008. This manual switch box allows four computers to share one printer or 4 printers to share one computer. It consists of a rotary switch ABCD on the front panel and five 36-pin female Centronics connectors on the rear panel.	38.41	42.25

Sharing & Extending Devices - Radio Frequency

11809-12 Audio Video RF Link - Additional Receiv
Cat No 11808 provides one transmitter and one receiver to transfer audio/video from your

cable/satellite decoder to a remote TV. This receiver allows you to add a second receiving TV.

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11810-12	Audio Video RF Link - Additional Transm	108.18	119.00
	Cat No 11808 provides one transmitter and one receiver to transfer audio/video from your cable/satellite decoder to a remote TV. This additional transmitter allows you to transmit from two devices on different channels. The receiver can switched to the appropriate channel. However please		
	note that the channel selector switch is not designed for repetitive use.		
11808-12	Audio Video RF Link with Infrared Repea Our audio video RF link includes a transmitter and receiver operating at 2.4GHz as well as an infrared repeater. It transmits high quality colour video and stereo audio from one room to another and allows control of the source using your existing remote control. The RF signal penetrates walls, floors and ceilings (depending on construction) and the included directional antenna allows a link to extend up to 100m line of sight. It transmits on 3 channels, 2434 MHz, 2453MHz and 2411Mhz. The infrared is repeated back up to 50m. The video quality is absolutely	62.73	69.00
	first class, as is the stereo audio signal. It is ideal for relaying satellite and cable TV or a VCR to a second TV set etc. (make sure your TV has Audio/Video inputs). The kit includes a transmitter, a receiver, an IR transmitter, two power packs and two sets of audio/video cables with RCA connectors. You will probably need another infrared remote control, our Cat No 8924 is the only one we could find that works with Foxtel satellite.		
1008056-12	Infrared Remote Control Signal Extender Extend the range of your remote controls from one room to another. Uses RF which will pass through residential walls. Transmission range is approximately 20 m free space or 10-12 m inside concrete buildings.	117.27	129.00

Sharing & Extending Devices - Serial

12011-12	Sw. Box Serial ABCD Manual DB25 Female	40.00	44.00
	Two way version of Cat.No. 12009.		
12019-12	Sw. Box Serial Crossover Man.	65.45	72.00
12009-12	Sw. Box Serial/Par AB Manual DB25F	27.27	30.00
	Switch one printer between two computers or one computer between two printers. Suitable for parallel		
	or serial printers. plotters etc. All connections are DB25 female.		
	Cat. No. 9012 DR25 M/M cable if required		

Sharing & Extending Devices - USB

12056-12	Sw. Box USB Manual Data Switch 2 Port The 2 port USB manual switch allows up to two PC's and/or Macs to share the use of a single USB peripheral device (printer, scanner, modem, etc), on a one-at-a-time basis. The active computer is selected by means of a pushbutton switch. Standard USB cables are required to conect the computers to	30.00	33.00
12049-12	the switch box. (Type A Male to Type B Male. eg. Cat 9159). Sw. Box USB Manual Data Switch 4 Port The US-401 4 port USB manual switch allows up to four PC's and/or Macs to share the use of a single USB peripheral device (printer, scanner, modem, etc), on a one-at-a-time basis. The active computer is selected by means of a pushbutton switch. Standard USB cables are required to conect the computers to the switch box. (Type A Male to Type B Male. eg. Cat 9159).	50.00	55.00
12058-12	USB 1.1 Sharing Switch - 1 PCs Share 4	62.73	69.00
12055-12	USB 1.1 Sharing Switch - 4 PCs Share 1 4 x BF + 1 x AF	53.64	59.00
12060-12	USB 2.0 Sharing Switch - 2 PCs Share 1 This intelligent switch allows two computers to share one USB2.0 scanner, printer or other device. It has 2 x USB B Receptacles + 1 x USB A Receptacle. Only one computer may access the USB device at a time. The computer is selected via push button.	44.55	49.00
12059-12	USB 2.0 Sharing Switch - 4 PCs Share 1 This intelligent switch allows four computers to share one USB2.0 scanner, printer or other device. It has 4 x USB B Receptacles + 1 x USB A Receptacle. Only one computer may access the USB device at a time. The computer is selected via push button.	71.82	79.00

Software - Utility

70406-12	Media Studio Pro 6.0 VE Our FireWire card, Cat No 2621, is bundled with Media Studio V4.0 SE, this may be upgraded at time of purchase to Media Studio Pro 6.0 VE (DV + MPEG2). Please check the data sheet for a comparison of the features between the full version and the VE version.	80.91	89.00
70485-12	VET Net Surfer Anti Virus - OEM Vet automatically detects and cleans convertional file and bot sector viruses as well as macro viruses which infect Word Documents, Excel spreadsheets and Access databases. It provides excellent protection against Internet and email-borne viruses, protecting your PC from infected files against Internet and email-borne viruses, protecting your PC from infected files downloaded from web sites	44.55	49.00

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around the world and from infected attachments sent to your via email.

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70384-12	VET Net Surfer Anti Virus Retail Box Vet automatically detects and cleans conventional file and boot sector viruses as well as macro viruses which infect Word Documents, Excel spreadsheets and Access databases. It provides excellent protection against Internet and email-borne viruses, protecting your PC from infected files against Internet and email-borne viruses, protecting your PC from infected files downloaded from web sites around the world and from infected attachments sent to you via email.	99.09	109.00
Tape Drive	es - Seagate		
6434-12	Tape B/U C'trg Seagate 50GB S/Winder	160.91	177.00
6631-12	Tape B/U Seagate 12-24GB DDS3 Int 3.5 SDT9000R drive with 3.5" white faceplate, 50 pin ribbon cable, screws, manual, tape & Server software (Arcserv for NT and Novel)	2172.73	2390.00
6428-12	Tape B/U Seagate 24GB Scorpion DDS3 Kit Internal 3.5/5.25 SCSI Seagate Backup Exec S/w for NT or Netware, plus Diagnostic Software and 2 tapes.	1908.18	2099.00
6437-12	Tape B/U Seagate 50GB AIT S/Winder 3.5 Internal 3.5 SCSI drive only.	6289.09	6918.00
6438-12	Tape B/U Seagate 50GB AIT S/Winder 5.25 Internal 3.5 SCSI drive only.	6289.09	6918.00
6433-12	Tape B/U Seagate 50GB S/Winder AIT SCSI Internal 3.5/5.25 SCSI drive only.	5894.55	6484.00
6506-12	Tape B/U Sony 4/8GB DDS2 Internal 5.25 Internal 3.5 SCSI-2 DDS2 tape drive, 35s randon access, 788-1,566kps transfer, 1MB buffer, 4GB native with hardware compression.	999.09	1099.00
Tape Drive	es - Sony		
6536-12	Tape B/U Sony 12-24GB DDS3 Int OEM	862.73	949.00
6492-12	Tape B/U Sony 12-24GB DDS3 Internal 3.5 SDT9000R drive with 3.5" white faceplate, 50 pin SCSI ribb on cable, screws,manual, software	1699.09	1869.00
6739-12	Tape B/U Sony 50-130GB AIT II Internal	1999.09	2199.00
6812-12	Tape B/U Sony DDS3 12-24GB SCSI Externa	1362.73	1499.00
6752-12	Tape B/U Sony SDT11000R SCSI DDS4 Exter SONY SDTS11000 - External 3.5" 240V 4mm Tape Drive, 20Gb native & up to 40Gb compressed @2.5-	1908.18	2099.00
	5Mb. 10Mb buff, 40Mb burst, Helical Scan. Comes with S/w , cables cleaning tape, I x tape.		
6731-12	Tape B/U Sony SDT11000R SCSI DDS4 Inter SONY SDTS11000 - Internal 3.5" 240V 4mm Tape Drive, 20Gb native & up to 40Gb compressed @2.5-5Mb. 10Mb buff, 40Mb burst, Helical Scan.	1590.00	1749.00
Telephone	e - Telephone - Answering		
22004-12	Easy Connect Junior	153.64	169.00
22001.12	This unit is used when you wish to use the Telstra FaxStream Duet facility to receive fax calls, with or without any type of Answering Machine on your line OR you intend to receive Fax calls on you normal voice number and you DO NOT use a seperate Answering Machine on your line. It will also work if you wish receive fax calls on your normal voice number and you use and Answering Machine which is integrated with your Fax Machine or Voice Modem.		100.00
22002-12	Telephone Line Auto-Connecter This device allows 2 separate telephone devices to be plugged in to use the same single telephone line, where either connected device is able to send (make out-going calls) & either can also receive incoming calls. It has a set of DIP SWITCHES which will allow a programed ring delay setting of between 2 to 10 rings. Operation is fully automatic & can be fitted to any existing fax or voice line. "Barge-in" Protection is provided to ensure that one device cannot interrupt the operation of the other device while it is in operation.	171.82	189.00
22003-12	Telephone Line Sharer for Fax and Phone This device allows your Fax or Modem device to operate with the new Telstra FaxStream Duet service. When a fax number is phoned, the telephone exchange will generate a distinctive ringing pattern on your line which will be automatically detected by this device and it will connect to your fax device.	108.18	119.00
22001-12	Telephone Line Simulator This simulator allows a connection of a telephone, answering machine, modem, fax machine, security dialer or any other telephone device to connect to either or both ports of the simulator. It is commonly used for testing and demonstration of all types of telephone devices in training and exhibitions etc without the cost of connecting to a telephone line. Can also be used for tie line connections over distances up to 2 km. Produces 'dial tone' and 'busy tone' and has all seven distinctive ring patterns that are planned for use in Australia.	380.91	419.00

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are planned for use in Australia.

MicroGram Computers Phone: (02) 4389 8444 Date: 26/07/05 Price List Fax: (02) 4389 8388 Page: 98 Cat No Description RRP Ex GST Inc GST **Telephone - Telephone - Remote** 47.27 19003-12 Remote Device Activator 240V Power Rela 52.00 This 240V Power Relay provides for safe connection or disconection of your 240VAC electrical supply to your equipment, when used in conjunction with a Remote Device Activator. 19006-12 Remote Device Activator PC Reset Unit 53.64 59.00 This PC Reset Unit allows for a remote reset of your PC by telephone, when used in conjunction with a Remote Device Activator. The PC Reset Unit, which connects to an expansion slot at the rear of your PC, provides for a convenient interface from a Remote Device Activator and the reset connection of your 19004-12 99.09 Remote Device Activator Power Control U 109.00 This 240V Power Control Unit provides for safe connection or disconnection of your 240VAC electrical supply to your equipment, It must be used in conjunction with a Remote Device Activator, either Cat No 19002 or Cat No 19005. 174.55 19002-12 Remote Device Activator Via Telephone-1 192.00 The Remote Device Activator allows one electrical appliance to be switched on or off by using your 208.18 19005-12 Remote Device Activator Via Telephone-2 229.00 The Remote Device Activator allows two electrical appliances to be switched on or off by using your normal telephone line. 19007-12 Remote Telephone Activator RTA-2 PRO 299.09 329.00 Provides TWO independent outputs, which can be used to independently control TWO seperate devices. Connect either 19004 or 19006 to each of the outputs. **Test Equipment - Diagnostics** 70.91 3128-12 Diagnostic Card - ISA 78.00 Just plug into a vacant ISA slot and turn on the computer. A LED display shows a numeric error code indicating the area of the fault. By checking the error code against the appropriate BIOS listing, the type of fault can be identified. The error code messages for AMI BIOS, PHOENIX BIOS and AWARD BIOS are listed in the manual. 3422-12 Diagnostic Card - PCI 89 09 98.00 Just plug into a vacant PCI slot and turn on the computer. A LED display shows a numeric error code indicating the area of the fault. By checking the error code against the appropriate BIOS listing, the type of fault can be identified. The error code messages for AMI BIOS, PHOENIX BIOS and AWARD BIOS are listed in the manual. Test Equipment - Miscellaneous 3053-12 318.18 350.00 **BUS Expansion ISA/Interface Protector** Provides six slots external to the computer. Interface cards may be inserted and removed without switching off the computer. This makes it ideal for quality control testing, teaching labs, prototype development etc. Mounted in a small metal case. **Test Equipment - Network** 11520-12 117.27 Cable Tracer - Tone Generator and Probe 129.00 Features a single or multi-tone signal, two test leads and a 4-conductor modular cable. 11515-12 Network Multi Modular Cable Tester Pro 170.00 187.00 Tests a range of Modular cables including 10Base-T (Category 3-5), as well as 10Base-2(coax)thin ethernet. Network Tester w LCD Display 135.45 11519-12 149.00 Tests a range of Modular cables including 10Rase-T (Category 3-5). The LCD display shows the pin

	connections as well as the wiring scheme detected eg 100Base / Hub.					
Universal	Universal Serial Bus - Accessories					
2895-12	Bay 5.25in USB 2.0 Hub 3 Port A USB 2.0 hub that has one up-stream port and three down-stream ports. Fits into a 5.25in bay to provide front access.	62.73	69.00			
2896-12	Bay 5.25in USB 2.0 Hub 3 Port + 6 in 1 A USB 2.0 hub with three down-stream ports and a six in one memory card reader. Fits into a 5.25in bay to provide front access.	95.45	105.00			
2853-12	Converter USB to 1 RS-422/485 with Opto Provides a native windows RS-422/485 COM port which is compatible with Windows serial communication applications. Includes 2000V optical isolation and 25kV ESD protection.	226.36	249.00			

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Universal Serial Bus - Accessories

2854-12	Converter LISP to 2 PS 422/495 with Octo	453.64	499.00
2004-12	Converter USB to 2 RS-422/485 with Opto Provides two native windows RS-422/485 COM port which are compatible with Windows serial communication applications. Includes 2000V optical isolation and 25kV ESD protection.	∓ 00.0 1	499.00
2852-12	Converter USB to 2 RS232 - DB9M Provides two native windows COM ports which are compatible with Windows serial communication applications. Each port is individually configurable with full RS232 modem control signals.	108.18	119.00
2851-12	Converter USB to 4 RS232 - DB9M Provides four native windows COM ports which are compatible with Windows serial communication applications. Each port is individually configurable with full RS232 modem control signals.	317.27	349.00
2907-12	Converter USB to 4 RS422/485 Provides four native windows COM ports which are compatible with Windows serial communication applications. Each port is configurable as either RS422 or RS485.	509.09	560.00
2936-12	Converter USB to 8 RS232 - DB9M Provides eight native windows COM ports which are compatible with Windows serial communication applications. Each port is individually configurable with full RS232 modem control signals.	417.27	459.00
2857-12	Easy Transfer Board-Universal Front Acc Utilises a 3.5 in bay to provide front access for the following ports: 2 x USB V1.1 or V2.0, 1 x Firewire, 1 x Audio In, 1 x Audio Out, 1 x Serial Includes cables to make connection to your existing rear access ports.	53.64	59.00
2830-12	USB 1.1 Bay 2-USB 1-printer 1-RS232 and A USB Universal Docking Station with 2 x USB Ports, one RS232 port, one printer port as well as two PS/2 ports. The PS/2 ports will automatically detect the keyboard and mouse, so that it does not matter which device is plugged into which port. A 5 Volt 2 Amp plug pack is included. The Compatibility List for the RS232 port includes: Modem, ISDN-TA, Digital camera, RS232 Microsoft mouse, Barcode reader, Card reader, Tablet, Label Writer, POS etc.	117.27	129.00
2831-12	USB 1.1 Hub 4 Port Internal - Front Acc An internal USB hub that has one up-stream port and four down-stream ports. It supports both full speed and low speed devices. It is complete with power and USB cables. The USB ports are on the front of the computer and the panel occupies one 3.25" bay. LED indicators are also mounted on the front panel.	53.64	59.00
2832-12	USB 1.1 Hub 4 Port Internal - Rear Acce An internal USB hub that has one up-stream port and four down-stream ports. It supports both full speed and low speed devices. It is complete with power and USB cables. The USB ports are on single backplane of the computer.	44.55	49.00
2885-12	USB 2.0 Firewire PS/2 & Audio Front Pan Utilises a 5.25in bay to provide front access for the following ports: 2 x USB 2.0, 2 x Firewire, 1 x Audio In, 1 x Mic In, 1 x Speaker and 1 x PS/2.	71.82	79.00
2875-12	USB 2.0 Hub 4 Port A USB 2.0 hub that has one up-stream port and four down-stream ports. Includes power adapter.	35.45	39.00
2904-12	USB 2.0 Hub 7 Port A USB 2.0 hub that has one up-stream port and seven down-stream ports. Will draw power from the USB BUS or from its own regulated plug pack for heavy drain appliance.	70.00	77.00