Item Checklist

This item checklist is only available for retail market.Completely check your package,If you discover damaged or missing items, contact your retailer.

- ☑ PlatiniX 7B(P7B) series mainboard
- ☑ QDI Utility CD
- ☑ User's manual
- ☑ IDE ribbon cable
- ☑ floppy ribbon cable
- ☐ I/O shield(option)
- ☐ 10-pin ribbon cable with bracket for USB Connector(option)

Notice

The information in this document is subject to change in order to improve reliability, design, or function without prior notice and does not represent a commitment on the part of this company. In no event will we be liable for direct, indirect, special, incidental, or consequential damages arising out of the use or the possibility of such damages.

All trademarks are the property of their respective owners.

If you need any further information, please visit our web-site: "w**ww.qdigrp.com ".**

Declaration of conformity

CE

QUANTUM DESIGNS(HK) LTD.
20th Floor, Devon House, Taikoo Place, 979 King's Road,
Quarry Bay, Hong Kong

declares that the product

Mainboard
PlatiniX 7B

is in conformity with
(reference to the specification under which conformity is declared in accordance with 89/336 EEC-EMC Directive)

☑ EN 55022	Limits and methods of measurements of radio disturbance characteristics of information technology equipment
☑ EN 50081-1	Generic emission standard Part 1: Residential, commercial and light industry
☑ EN 50082-1	Generic immunity standard Part 1: Residential, commercial and light industry

European Representative:

QDI COMPUTER (UK) LTD	QDI COMPUTER (SCANDINAVIA) A/S
QDI SYSTEM HANDEL GMBH	QDI EUROPE B. V.
QDI COMPUTER (FRANCE) SARL	QDI COMPUTER HANDELS GMBH
LEGEND QDI SPAIN S.L .	QDI COMPUTER (SWEDEN) AB

Signature : Xu Wenge Place / Date : HONG KONG/2002

Printed Name : Xu Wenge Position/ Title : Assistant President

Declaration of conformity

Trade Name:	QDI Computer (U. S . A.) Inc.
Model Name:	PlatiniX 7B
Responsible Party:	QDI Computer (U. S. A.) Inc.
Address:	41456 Christy Street Fremont, CA 94538
Telephone:	(510) 668-4933
Facsimile:	(510) 668-4966
Equipment Classification:	FCC Class B Subassembly
Type of Product:	Mainboard
Manufacturer:	**Quantum Designs (HK) Inc.**
Address:	20th Floor, Devon House, Taikoo Place 979 King's Road, Quarry Bay, HONG KONG

Supplementary Information:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Tested to comply with FCC standards.

Signature : _____ Date : 2002

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⚠ Caution

Be sure to add some Silicone Grease between the CPU and the heatsink of FAN to keep them fully contact , meanwhile to meet the heat sink requirement.

Note:

This manual is suitable for mainboards of PlatiniX 7B series. Each mainboard is carefully designed for the PC user who wants diverse features.

Name	OnboardAudio	OnboardLAN	NorthBridge
P7B	Without	Without	845G
P7B-A	2channel	Without	845G
P7B-6A	6channel	Without	845G
P7B-L	Without	With	845G
P7B-AL	2channel	With	845G
P7B-6AL	6channel	With	845G
P7BL	Without	Without	845GL
P7BL-A	2channel	Without	845GL
P7BL-6A	6channel	Without	845GL
P7BL-L	Without	With	845GL
P7BL-AL	2channel	With	845GL
P7BL-6AL	6channel	With	845GL

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Chapter 1
Introduction

Overview

PlatiniX 7B series mainboard utilizes Intel 845G/GL(845G/GL + ICH4) Chipset, providing a fully compatible, high performance and cost-effective mATX platform. The mainboard provides 400 MHz/533 MHz(supported on P7B only) system bus to support Intel® Pentium 4 socket 478 processors and it supports DDR200/266 SDRAM with the largest memory size up to 2GB.The new integrated technologies, together with AC'97 Audio, 6 USB 1.1/ 2.0 ports, and Ultra DMA100/66/33, give customers an advanced, multimedia solution at an reasonable price. It also provides advanced features such as Wake up by USB devices, Wake-on-LAN, Wake-on-Modem,S/PDIF out and ACPI functions. Suspend to RAM, the optimal implementation of the Advanced Configuration and Power Interface (ACPI) specification, makes the PC's power consumption drop to the lowest possible level and enable quick wakeup. BootEasy, our innovation, lets the PC boot freely and rapidly.

Key Features

Form factor

- mATX form factor of 244mm x 244mm

Microprocessor

- Supports Intel® Pentium 4(Willamette) socket 478 processors at 1.4/1.5/1.6/1.7/1.8/1.9/2.0 GHz at 400 MHz FSB
- Supports Intel® Pentium 4(Northwood) socket 478 processors at 1.6A/1.8A/2.0A/2.2/2.4GHz and above at 400 MHz FSB
- Supports Intel® Pentium 4(Northwood) socket 478 processors at 2.26/2.4/2.53 GHz and above at 533 MHz FSB

P7B/-A/-L/-6A/-AL/-6AL mainboard

- Supports both 400MHz and 533 MHz host bus speed

P7BL/-A/-L/-6A/-AL/-6AL mainboard

- Supports 400 MHz host bus speed

System memory

- Provides two 184-pin DDR DIMM sockets
- Supports DDR 200/266 SDRAM
- Supports 64/128/256/512Mb DDR SDRAM technology
- The largest total memory is up to 2GB
- Supports overclock DDR333(available on P7B/-A/-L/-6A/-AL/-6AL,CPU533MHz)

Chipset

P7B/-A/-L/-6A/-AL/-6AL mainboard

- Intel 845G chipset: 845G + ICH4

P7BL/-A/-L/-6A/-AL/-6AL mainboard

- Intel 845GL chipset: 845GL + ICH4

Onboard Graphics

- Integrated 2D/3D graphics accelerator
- Integrated 350 MHz RAMDAC
- Provides VGA output connector
- Provides 32 bpp true color support for high resolution texture
- Provides new 3D features create real-life environment and character effects

Onboard IDE

- Supports Independent timing of up to 4 drives
- Supports Ultra DMA 100/66/33, PIO mode
- Supports Two fast IDE interfaces which can support four IDE devices including IDE hard disks and CD-ROM /DVD-ROM drivers

USB Ports

- 1 EHCI controller and 3 USB Host Controllers with total of 6 ports
- USB 2.0 compliant, operates at 480Mbps, about 40X times faster than USB 1.1 which currently works at a snails pace of just 12Mbps
- Supports wake-up from S1 (power on suspend), S3 (Suspend to RAM,depends on device)

Onboard I/O

- One floppy port supports up to two 3.5″ or 5.25″ floppy drives with 360K/720K/1.2M/ 1.44M/2.88M format
- Two high speed 16550 compatible UARTs (COM1/COM2/COM3/COM4 selective) with 16 byte send/receive FIFO
- One parallel port supports SPP/EPP/ECP mode
- Infrared interface
- Smart Card Reader Connector(SCR)(optional)
- All I/O ports can be enabled/disabled in the BIOS setup

Onboard LAN (Available on-L, -AL, -6AL series mainboard)

- 10/100 Mbit/sec Ethernet support
- 10/100M LAN interface built-in on board

2-channel Onboard Audio (Available on -A,-AL series mainboard)

- AC'97 2.2 Specification Compliant
- Support S/PDIF output
- Provides onboard Line-in Jack, Microphone-in Jack, Speaker-out Jack with onboard amplifier and MIDI/Joystick Connector

6-channel Onboard Audio (Available on -6A,-6AL series mainboard)

- AC'97 2.2 Specification Compliant
- Support S/PDIF output
- Provides Front left & right, Rear left & right/ Line in Jack and Center &Woofer/ Microphone-in Jack, which can be specified by software

Onboard AGP

P7B/-A/-L/-6A/-AL/-6AL mainboard

- Support both 1.5V AGP 4X interface and Intel AGP Digital Display(ADD) card

P7BL/-A/-L/-6A/-AL/-6AL mainboard(Optional)

- Only Support Intel AGP Digital Display(ADD) card

BIOS

- Licensed advanced AWARD(phoenix) BIOS
- Supports Flash RAM with plug and play ready
- Supports IDE CD-ROM or SCSI boot up

Advanced features

- PCI 2.2 Specification Compliant
- Provides Trend ChipAwayVirus On Guard
- Supports Windows 98/2000/ME/XP soft-off
- Supports Wake-on-LAN and Wake-on-Modem
- Supports keyboard Password Power-on function
- Supports system monitoring(monitors CPU and system temperatures, system voltages, fan speed)
- Providing QDI innovations such as SpeedEasy, RecoveryEasy II, BIOS-ProtectEasy, LogoEasyII, StepEasyII(Optional) and BootEasy

Note: Our technology is now being upgraded, the description and Interface for Easy technology in this manual are only for your reference. If you would like to get the upgraded version, please download the latest BIOS or the utility from the website to re-flash your mainboard; if your mainboard supports the latest version Easy technology, refer to the webpage for functions and detailed operation of the technology.

Green function

- Supports ACPI (Advanced Configuration and Power Interface) and ODPM (OS Directed Power Management)
- Supports ACPI power status: S0 (full-on), S1 (power on suspend), S3 (Suspend to RAM), S4(Suspend to Disk ,depends on OS) and S5 (soft-off)

Expansion slots

- 1 CNR slot
- 3 PCI slots
- 1 AGP slot(optional)

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Chapter 2

Installation Instructions

This section covers External Connectors and Jumper Settings. Refer to the mainboard layout chart for locations of all jumpers, external connectors, slots and I/O ports. Furthermore, this section lists all necessary connector pin assignments for your reference. The particular state of the jumpers, connectors and ports are illustrated in the following figures. Before setting the jumpers or inserting these connectors, please pay attention to the directions.

External Connectors

PS/2 Keyboard/Mouse Connector

PS/2 keyboard connector is for the usage of PS/2 keyboard. If using a standard AT size keyboard, an adapter should be used to fit this connector. PS/2 mouse connector is for the usage of PS/2 mouse.

USB1, USB2 and LAN Connectors

Two USB ports are for connecting USB devices.The RJ-45 connector is for onboard LAN, (LAN connector is available on -L, -AL series mainboard).

❶ LAN(Optional)
❷ USB1
❸ USB2

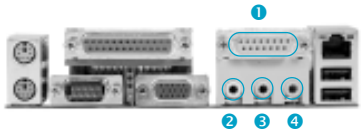
Warning

Be sure to unplug the AC power supply before adding or removing expansion cards or other system peripherals, otherwise your mainboard and expansion cards might be seriously damaged.

Line-in jack, Microphone-in jack, Speaker-out jack and MIDI/Joystick Connector

(Available on -A, -AL series mainboard)

The Line-in jack can be connected to devices such as a cassette or minidisc player to playback or record. The Microphone-in jack can be connected to a microphone for voice input. The Speaker-out jack allows you to connect speakers or headphones for audio output from the internal amplifier.The MIDI/Joystick connector allows you to connect a game joystick or a MIDI device.



❶ **MIDI/Joystick**

❷ **Speaker out**

❸ **Line in**

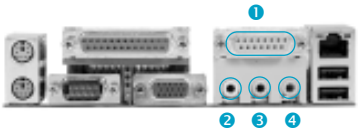
❹ **Microphone in**

6-Channel Audio (Available on -6A, -6AL series mainboard)

This mainboard utilizes ALC650 chip providing 6-Channel Audio. 6-Channel Audio consists of Front Left, Front Right ,Rear Left ,Rear Right ,Center and Woofer for a complete surround sound effect .when 6-channel audio is available , the front Left&Right jack can be connected to the Front speakers, the Rear Left&Right jack can be connected to the rear speakers and the Center&Woofer jack can be connected to the center speaker and woofer.

Microphone function is offered by F_AUDIO Connector on the mainboard now.

If you set 2-channel audio mode on -6A or -6AL mainboard, you can connect two speakers to the front Left&Right jack , at the same time use the Rear Left&Right jack as Line in jack, and use the Center&Woofer jack as Microphone in jack.



❶ **MIDI/Joystick**

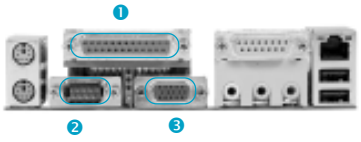
❷ **Front Left&Right**

❸ **Rear Left&Right/Line in**

❹ **Center&woofer/Microphone in**

Parallel Port, Serial Port and VGA Output Connectors

The parallel port connector can be connected to a parallel device such as a printer. The serial port UART1 connectors can be connected to a serial port device such as a serial port mouse. The VGA output connector is for output to a VGA-compatible device.



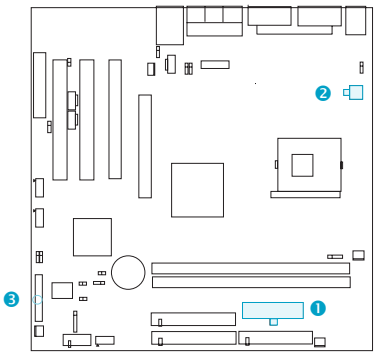
❶ **Parallel Port**

❷ **COM1**

❸ **VGA**

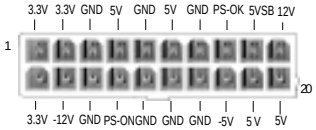
ATX12V Power Supply Connector & Power Switch (POWER SW)

Be sure to connect the power supply plug to this connector in its proper orientation. The power switch (POWER SW) should be connected to a momentary switch. When powering up your system, first turn on the mechanical switch of the power supply (if one is provided), then push once the power switch. When powering off the system, you needn't turn off the mechanical switch, just ***Push once**** the power switch.

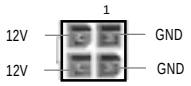


❸ POWER SW

❶ ATX Power



❷ ATX +12V Power



Note

If you change "Soft-off by POWER BUTTON " from default "Instant-off" to "Delay 4 Sec" in the "POWER MANAGEMENT SETUP" section of the BIOS, the power switch should be pressed for morethan 4 seconds before the system powers down.

Hard Disk LED Connector (HD_LED)

The connector connects to the case's IDE indicator LED indicating the activity status of IDE hard disk. The connector has an orientation. If one way doesn't work, try the other way.

Reset Switch (RESET)

The connector connects to the case's reset switch. Press the switch once, the system resets.

Speaker Connector (SPEAKER)

The connector can be connected to the speaker on the case.

Power LED Connector (PWR LED)

When the system is in S0 status, the LED is on. When the system is in S1 status, the LED is blink; When the system is in S3,S4, S5 status, the LED is off. The connector has an orientation.

GREEN LED Connector (GREEN LED)

When the system is in S0,S1,S4,S5 status, the LED is off,When the system is in S3 status, the LED is on.

ACPI LED Connector (ACPI LED)

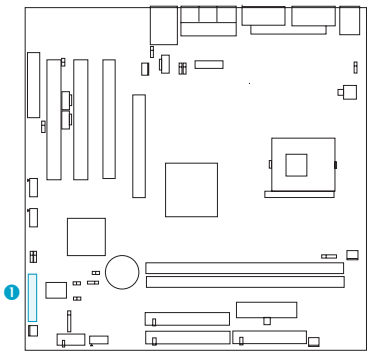
The ACPI LED is a dual-color light with three pins. Pin1and Pin2 drive different color lights. If Pin1 drives the orange light , then, Pin2 drives the green light, the following status will come out. When the system is in S0 status, the LED is green on. When the system is in S1 status, the LED is green blink. When the system is in S3 status, the LED is orange on. When the system is in S4, S5 status, the LED is off.

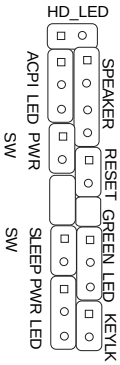
Hardware Green Connector (SLEEP SW)

Push once the switch connected to this header, the system enters suspend mode.

Key Lock Connector (KEYLK)(reserved)

The connector can be connected to the keyboard lock switch on the case for locking the keyboard.

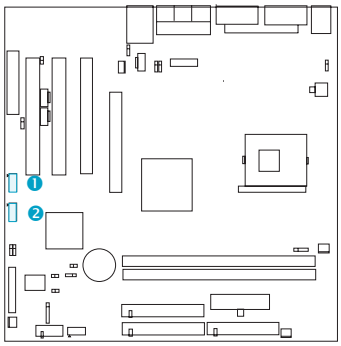


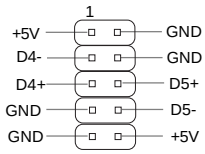


HDD LED(+)		HDD LED(-)	
ACPI LED	ORANGE(-)	VCC	SPEAKER
	GREEN(-)	GND	
	LED+(VCC)	NC	
PWR SW	POWER	SPKDATA	
	GND	RESET	RESET
	EMPTY	GND	
	EMPTY	EMPTY	
SLEEP SW	SLEEP	LED+	GREEN LED
	GND	LED-	
PWR LED	LED+	LED-	
	LED-	GND	KEYLK
	LED-	KEYLOCK	

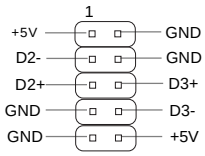
USB3 and USB4Connectors

Besides USB1 and USB2 ports on the back panel, the mainboard also has another two 10-pin headers on board which may connect to front panel USB cable to provide additional 4 USB Ports.





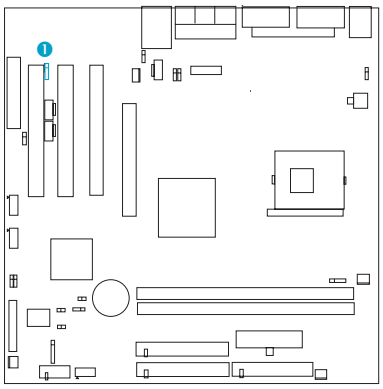
❶**USB4**

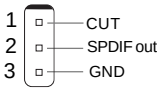


❷**USB3**

S/PDIF Output Connector(SPDIF)(Optional)

The S/PDIF (Sony/Philips Digital Interface) output connector allow your digital audio output to the SPDIF_in on the external speaker.

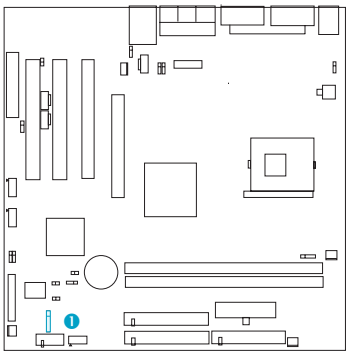


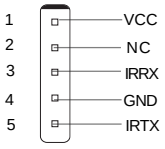


❶ **SPDIF Output**

Infrared Header (IrDA)

This connector supports wireless transmitting and receiving. Before using this function, configure the settings for IR Address, IR Mode and IR IRQ from the "INTEGRATED PERIPHERALS" section of the BIOS.

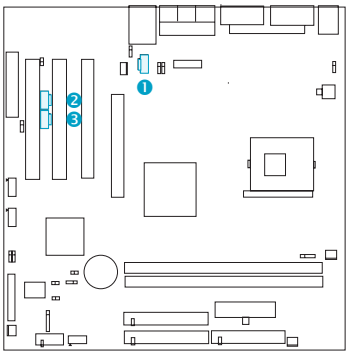




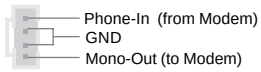
❶ **IrDA Connector**

Audio Connectors (CD_IN1, CD_IN2, MODEM)(Optional)

CD_IN1 and CD_IN2 are Sony standard CD audio connectors, each of them can be connected to a CD-ROM drive through a CD audio cable. The Modem_IN connector allows the onboard audio to interface with a voice modem card with a similar connector. It allows connecting the mono_in (such as a phone) or mono_out (such as a speaker) between the onboard audio and the voice modem card.



❶ **Modem_IN**

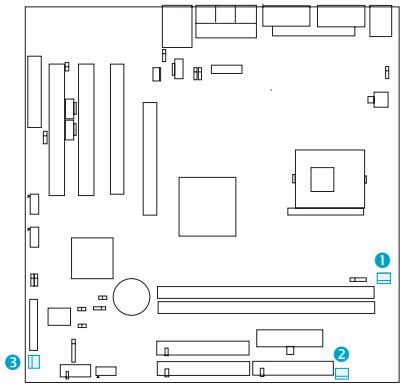


❷ **CD_IN1**

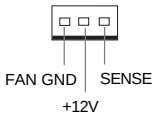
❸ **CD_IN2**

Fan Connectors (CPUFAN, SYSFAN, PWRFAN)

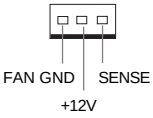
The fan speed of CPUFAN, SYSFAN and PWRFAN can be detected and viewed in “PC Health” section of the BIOS. These three fans will be automatically turned off after the system enters suspend mode.



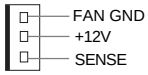
❶ CPU_FAN



❷ PWR_FAN

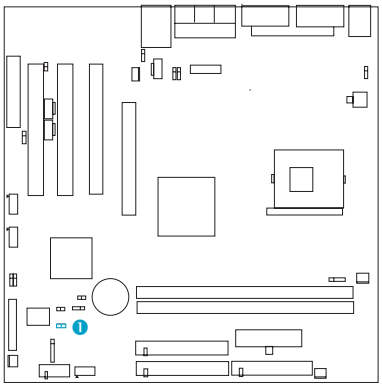


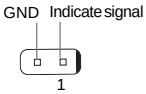
❸ SYS_FAN



Chassis Security Switch (CHSSEC)(Reserved)

The connector connects to the chassis security switch on the case. The system can detect the chassis intrusion through the status of this connector. If the case has been opened , the system will record the status and indicate the chassis has been opened.

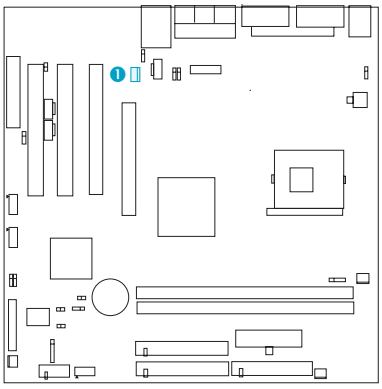


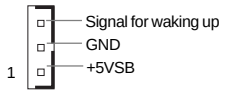


❶CHSSEC

Wake-Up On LAN (WOL)

Through the Wake-Up On LAN function, a wake event occurring from the network can wake up the system. If this function is to be used, please be sure an ATX12V power, and a LAN adapter which supports this function is used. Then connect this header to the relevant connector on the LAN adapter, set " Wake up by Ring/LAN " as Enabled in the "POWER MANAGEMENT SETUP" section of the BIOS. Save and exit, then boot the operating system once to make sure this function takes effect.

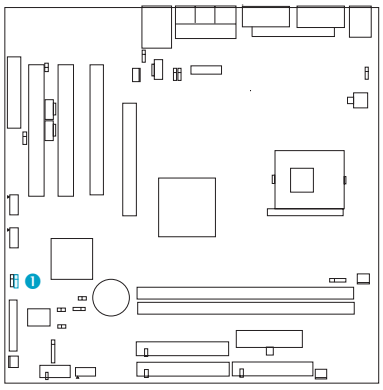


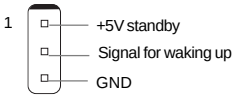


❶ **WOL**

Wake-Up On Internal Modem (WOM)

Through this function, the system which is in the suspend or soft-off status can be waked up by a ring signal received from the internal modem. When this function is used, be sure an internal modem card which supports this function is used. Then connect this header to the relevant connector on the modem card, set " Wake up by Ring/LAN " as Enabled in the "Power Management Setup" section of the BIOS. Save and exit, then boot the operating system once to make sure this function takes effect.

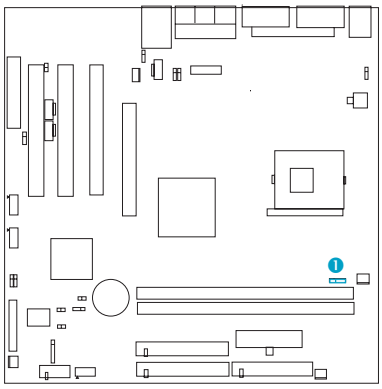


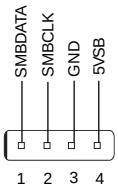


❶ **WOM**

4 Pin SMBus Connector(SMBUS)

This connector allows you to connect SMBus devices. SMBus devices communicate through the SMBus with an SMBus host and/or other SMBus devices. The SMBus or System Management Bus is a specific implementation of I^2C bus, which is a multi-master bus, that is, multiple chips can be connected to the same bus and each one can act as a master by initiating data transfer.

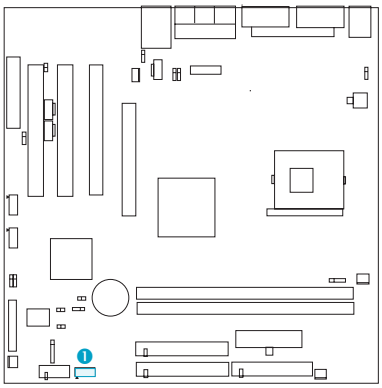


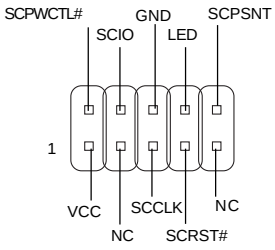


❶ **SMBUS Connector**

Smart Card Reader Connector(SCR)(Optional)

The SCR includes a standard UART to control Smart Card interface handshaking and then performs data transfers. The SCR can be used for a broad range of applications in GSM, ID, pay TV, banking and so forth. It also provides a Smart Card clock divider for those ICC (Integrated Circuit Card) without internal clocks. If use this function, set "UART Mode Select" to SCR in the "INTEGRATED PERIPHERALS" section of the BIOS.

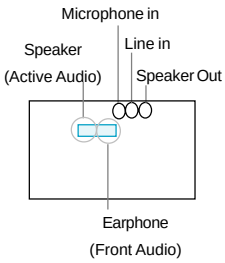




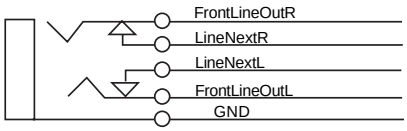
❶ **J3**

Audio Interface (F_AUDIO)(Optional)

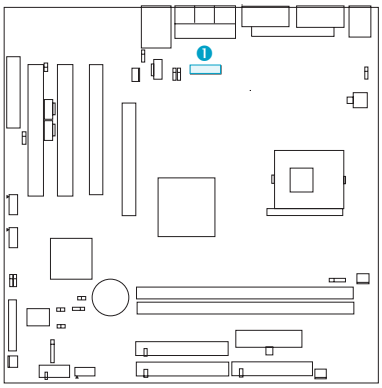
The audio interface can provide 3 kinds of Audio output choices :the FrontAudio, the RearAudio and the ActiveAudio. Their priority level is as sequence. when the FrontAudio is available, the RearAudio and the ActiveAudio(in-case speaker)will be cut off. when the RearAudio is available, the ActiveAudio will be cut off. when the FrontAudio jack is inexistence, Pin11 and Pin12, Pin13 and Pin14 must be short connected.

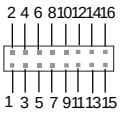


Pin No.	Symbol	Pin No.	Symbol
1	Active LINE Out(R)	2	Active LINE Out(L)
3	GND (ALO)	4	GND (ALO)
5	GND(+12)	6	GND(+12)
7	+12V(1A)	8	(Cut away)
9	MIC	10	GND (MIC)
11	Front LINE Out(R)	12	LINE Next(R)
13	Front LINE Out(L)	14	LINE Next(L)
15	GND (FLO)	16	(Cut away)



Front Audio jack

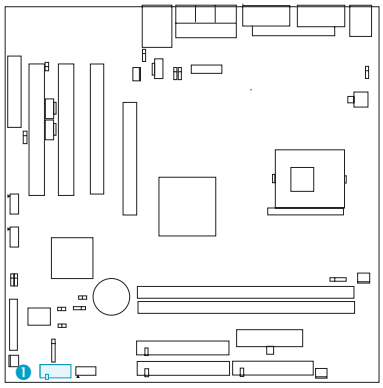




❶ **F_AUDIO**

Serial Port Connector(COM2)(Optional)

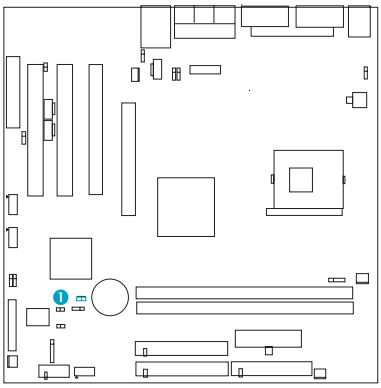
Besides COM1 port, the mainboard also has a header on board which can be connected with serial port devices through a cable.

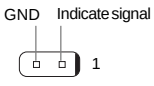


❶ **COM2**

Intruder Detect Switch(JINTR)(Reserved)

The connector connects to the chassis security switch on the case. The system can detect the chassis intrusion through the status of this connector. If the connector has been closed once, the system will send a message over the network to alert the network manager through the on board LAN controller within ICH4.





❶ **JINTR**

Main Expansion Slots and Connectors

Slot/Port (Quantity)	Description
PCI(3)	PCI slots
AGP(1)(optional)	AGP slot
CNR(1)	CNR slot
IDE(2)	IDE ports
FLOPPY(1)	Floppy Drive port
DIMM(2)	DIMM sockets
USB(6)	USB connectors
COM(2)	COM connectors
PARALLEL(1)	Parallel connector
VGA(1)	VGA Output connector
IrDA(1)	IrDA connector
SPDIF(1)(optional)	S/PDIF connector
SMBUS(1)	SMBUS connector
SCR(1)(optional)	SCR connector

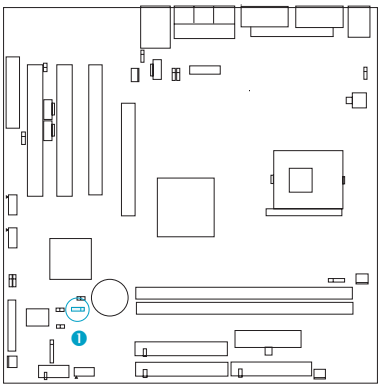
Jumper Settings

Jumpers are located on the mainboard, they represent, clear CMOS jumper CLR_CMOS, enable BIOS Protection function jumper BIOS_WP etc. Pin 1 for all jumpers are located on the side with a thick white line (Pin1→), refer to the mainboard's silkscreen. Jumpers with three pins will be shown as to represent pin1 & pin2 ("1-2")connected and to represent pin2 & pin3 ("2-3")connected.

Jumper	Symbol	Description	Represent
3-pin		1-2	set pin1 and pin2 closed
		2-3	set pin2 and pin3 closed
2-pin		close	set the pins closed
		open	set the pins opened

Clear CMOS (CLR_CMOS)

If you want to clear CMOS, unplug the AC power supply first, close CLR_CMOS (pin1 & pin2) once, set CLR_CMOS back to the normal status as pin2 & pin3 connected, then power on the system.



❶ CLR_CMOS

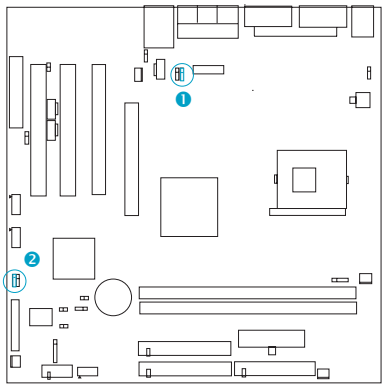
Normal status: (Default)

Clear CMOS:

(Unplug the AC power supply)

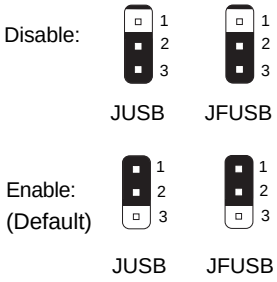
Enable Front/Back Panel USB Device Wake-up Function (JFUSB/JUSB)

The mainboard provides the advanced USB device wake-up function. The system can be waked up from its power saving mode including ACPI S3 by activating USB device. Before using this function, set JUSB/JFUSB as pin1 & pin2 closed. Otherwise, set JUSB/JFUSB as pin2 & pin3 closed for disabling. Furthermore, the item “Wake-Up From S3 by USB”in BIOS setup should also be set corespondingly to enable or disable this function.



❶ JUSB

Only for USB1,2



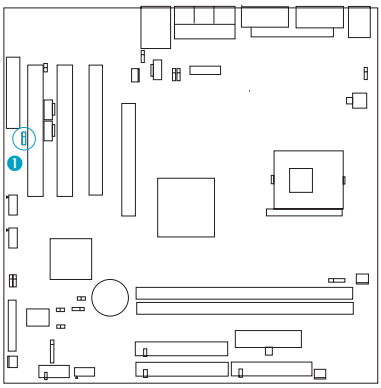
❷JFUSB

Only for USB3& USB4

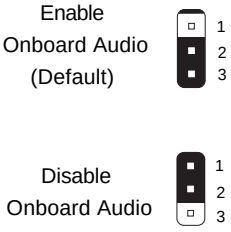
Enable/Disable onboard audio (JSD)

(Available on -A,-AL,-6A,-6AL series mainboard)

If you want to use the on-board audio, set JSD as pin2 & pin3 closed (default), Otherwise, set JSD as pin1 & pin2 closed for disabling this function.Please disable onboard audio when using expansion audio card.

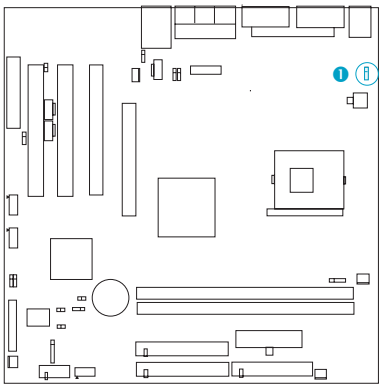


❶ JSD



Enable keyboard password power-on function (JKB)

The mainboard provides the advanced keyboard password power-on function. Before using this function, set JKB as pin1 & pin2 closed. Otherwise, set JKB as pin2 & pin3 closed for disabling.



❶ JKB

Disable: (Default)

Enable:

Furthermore in order to implement this function, set “POWER ON Function” to Password and enter the keyboard power-on password in the “INTEGRATED PERIPHERALS” section of the BIOS. Save and exit, then power off your system. In this case, the power button’s power-on function has been disabled.

Note:

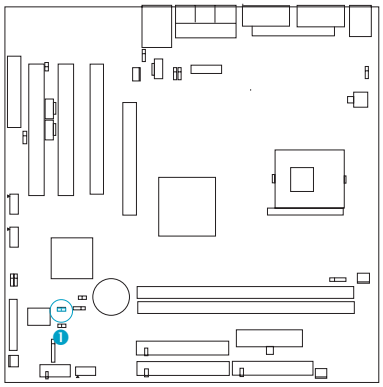
1. If using this function, 5VSB line of the power supply should be capable of delivering enough current for all the devices connected to the keyboard port, if not, you will be unable to power up the system using the keyboard.

2. If you set JKB as pin2 & pin3 closed, set “POWER ON Function” to “BUTTON ONLY”. Do not set it to Password, or you’ll be unable to power up your system by the keyboard or the power button.

3. If you encounter the above problems, clear CMOS and set the jumper and BIOS option again.

BIOS Protection Jumper (BIOS_WP)

The BIOS of the mainboard is inside the FWH. If the jumper BIOS_WP is set as closed, you will be unable to flash the BIOS to the mainboard. However in this status, the system BIOS is protected from being attacked by serious virus such as CIH virus.



Flash Write Disabled

Flash Write Enabled (Default)

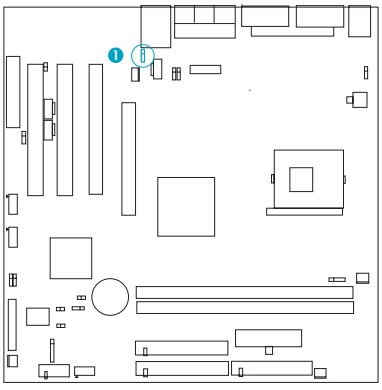
❶ **BIOS_WP**

The mainboard provides the BootEasy function.If you want to use this function,Please set the jumper BIOS_WP as open before you use this function. Refer to the BootEasy introduction.

Enable/Disable Onboard LAN(LAN_EN)

(Available on -L,-AL,-6AL series mainboard)

You can enable or disable onboard LAN function through jumper LAN_EN. Please disable onboard LAN when using expansion ethernet card.



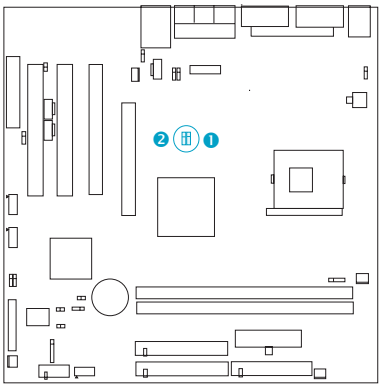
Enable onboard LAN: (Default)

Disable onboard LAN:

❶ **LAN_EN**

Overclocking Jumper Setting (JFSB)(Optional)

Jumper labeled JFSB is located on the mainboard providing users with CPU overclocking feature. The host bus speed can be set as 100 X 4/133 X 4MHz or AUTO. Refer to the chart below for the location of these jumpers, and the table for information on how to set them.



❶ JFSB

FSB	100MHz	133MHz	AUTO (default)
JFSB	2-3	open	1-2

If CPU FSB is set as Auto (default), the system detects the CPU FSB (front side bus) automatically. If CPU FSB is set as 100 x 4 MHz, the system will run at 400MHz even if a processor with 533MHz FSB is installed. Setting up to 133 x 4 MHz using processors with 400MHz bus speed is also supported. However, whether or not the system can be overclocked depends on your processor's capability. Whether the processor is bus ratio locked or unlocked should also be taken into account. For bus ratio unlocked processor, this overclocking feature can be implemented by setting CPU FSB as 100/133MHz, meanwhile adjusting the bus ratio (multiplier) lower in "CPU SpeedEasy Setup" in AWARD BIOS CMOS Setup. You can also adjust the CPU frequency by running StepEasy II. We do not guarantee the overclocking system will be stable.

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Chapter 3
BIOS Description

Utility Support:

AWDFLASH.EXE

This is a flash memory write/read utility used for the purpose of upgrading your BIOS when necessary. Before doing so, please note:

- **We strongly recommend you only upgrade BIOS when encounter problems.**
- **Before upgrading your BIOS, review the description below to avoid making mistakes, destroying the BIOS and resulting in a non-working system.**

When you encounter problems, for example, you find your system does not support the latest CPU released on our current mainboard, you may therefore upgrade the BIOS, please don't forget to set BIOS_WP as open and disable the "Flash Write Protect" item in AWARD BIOS CMOS Setup first.

Follow the steps exactly for a successful upgrade.

1. Create a bootable system floppy diskette by typing Format A:/s from the DOS prompt under DOS6.xx or Windows 9x environment.
2. Copy AWDFLASH.EXE (version>=7.95) from the directory \Utility located on QDI Mainboard Utility CD onto your new bootable diskette.
3. Download the updated BIOS file from the Website (http://www.qdigrp.com). Please be sure to download the suitable BIOS file for your mainboard.
4. Decompress the file downloaded, copy the BIOS file (xx.bin) onto the bootable diskette, and note the checksum of this BIOS which is located in readme file.
5. Reboot the system from the bootable diskette created.
6. Then run the AWDFLASH utility at the **A:** prompt as shown below:

   A:\AWDFLASH xxxx.bin

Follow the instruction through the process. Don't turn off power or reset the system until the BIOS upgrade has been completed.

If you require more detailed information concerning AWDFLASH Utility, for example, the different usage of parameters, please type A:\>AWDFLASH /?

Note: AWDFLASH.EXE (version>=8.03) utility must be used to upgrade the mainboard family BIOS instead of QDI flash utility.

BIOS version will update constantly.We will not be responsible for any BIOS description differ from your mainboard BIOS shown.

AWARD(Phoenix) BIOS Description

Entering Setup

Power on the computer, when the following message briefly appears at the bottom of the screen during the POST (Power On Self Test), press <Del> key to enter the AWARD BIOS CMOS Setup Utility.

Press <Del> to enter SETUP

Once you have entered, the Main Menu (Figure 1) appears on the screen. The main menu allows you to select from eleven setup functions and two exit choices. Use the arrow keys to select among the items and press the <Enter> key to accept or enter the sub-menu.

Figure-1 Main Menu

Load Optimized Defaults

The Optimized Defaults are common and efficient. It is recommended users load the optimized defaults first, then modify the needed configuration settings.

Standard CMOS Features Setup

The basic CMOS settings included in “Standard CMOS Features” are Date, Time, Hard Disk Drive Types, Floppy Disk Drive Types, and VGA etc. Use the arrow keys to highlight the item, then use the <PgUp> or <PgDn> keys to select the value desired in each item.

Figure-2 Standard CMOS Setup Menu

For the items marked, press enter, a window will pop up as shown below. You can view detailed information or make modifications.

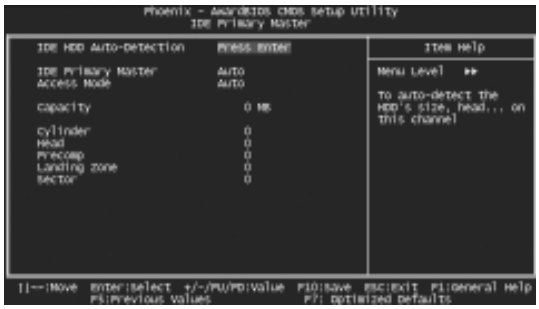


Figure-2-1 IDE Primary Master Setup Menu

Hard Disk

Primary Master/Primary Slave/Secondary Master/Secondary Slave

These categories identify the HDD types of 2 IDE channels installed in the computer system. There are three choices provided for the Enhanced IDE BIOS: None, Auto, and Manual. 'None' means no HDD is installed or set; 'Auto' means the system can auto-detect the hard disk when booting up; by choosing 'Manual', the related information should be entered regarding the following items. Enter the information directly from the keyboard and press < Enter>:

CYLS	number of cylinders	HEAD	number of heads
PRECOMP	write pre-compensation	LANDZ	landing zone
SECTOR	number of sectors	MODE	HDD access mode

The Award BIOS supports 3 HDD modes: NORMAL, LBA and LARGE.

CHS mode

Generic access mode in which neither the BIOS nor the IDE controller will make any transformation during accessing. The maximum number of cylinders, heads and sectors for CHS mode are 1024,16 and 63.

If the user sets his HDD to NORMAL mode, the maximum accessible HDD size will be 528 megabytes even though its physical size may be greater than that.

LBA (Logical Block Addressing) mode

A new HDD accessing method to overcome the 528 Megabyte bottleneck. The number of cylinders, heads and sectors shown in setup may not be the number physically contained in the HDD.

During HDD accessing, the IDE controller will transform the logical address described by sector, head and cylinder number into its own physical address inside the HDD.

Large mode

Some IDE HDDs contain more than 1024 cylinder without LBA support (in some cases, users do not want LBA). The Award BIOS provides another alternative to support these kinds of HDD.

BIOS tricks DOS (or other OS) into divising the number of cylinders is less than 1024 by dividing it by 2. At the same time, the number of heads is multiplied by 2. A reverse transformation process will be made inside INT13h in order to access the right HDD address.

If using Auto detect, the BIOS will automatically detect the IDE hard disk mode and set it as one of the three modes.

Remark

To support LBA or LARGE mode of HDDs, there must be some softwares involved which are located in Award HDD Service Routine(INT13h).It may fail to access a HDD with LBA (LARGE) mode selected if you are running under an Operating System which replaces the whole INT 13h.

Video

Set this field to the type of video display card installed in your system.

EGA/ VGA	Enhanced Graphics Adapter / Video Graphic Array. For EGA, VGA, SEGA, SVGA, or PGA monitor adapters.
CGA 40	Color Graphic Adapter, powering up in 40 column mode.
CGA 80	Color Graphic Adapter, powering up in 80 column mode.
MONO	Monochrome adapter, including high resolution monochrome adapters.

Halt On

This category determines whether or not the computer will stop if an error is detected during powering up.

No errors	The system boot will not stop for any errors that may be detected.
All errors	Whenever the BIOS detects a non-fatal error, the system will stop and you will be prompted.
All, But Keyboard	The system boot will not stop for a keyboard error; but it will stop for all other errors.
All, But Diskette	The system boot will not stop for a disk error; but it will stop for all other errors.
All, But Disk/Key	The system boot will not stop for a keyboard or disk error, but it will stop for all other errors.

Memory

This is a Display-Only Category, determined by POST (Power On Self Test) of the BIOS.

Base Memory	The POST of the BIOS will determine the amount of base (or conventional) memory installed in the system.
Extended Memory	The BIOS determines how much extended memory is presented during the POST.
Total Memory	Total memory of the system .

QDI Innovation features

Figure-3 QDI Innovation features Menu

The following indicates the options for each item and describes their meaning.

Item	Option	Description
●CPU Clock Ratio	*x8~23*	Select the multiplication of processor core frequency. If a Ratio -locked processor installed, this item will be hidden. This item is only for users who understand all the CPU parameters. This function will not take effect for bus ratio locked processor.
[SpeedEasy setting]		
● CPU Host/PCI Clock	*Default* *100/33MHz* ... *166/33MHz*	Set CPU/PCI Clock as default. Set CPU/PCI Clock manually.
● Auto Detect PCI Clk	*Enabled* *Disabled*	Close empty PCI clock to reduce EMI. Do not close empty PCI clock.
[BootEasy setting]		
● QDI BootEasy feature	*Enabled*	PC boot in rapid speed, without any redun dant feature waiting for the displaying of starting OS.
	Disabled	PC boot in the legacy BIOS way.

Item	Option	Description
[LogoEasyII setting]		
• Show Bootup Logo	*Enabled* *Disabled*	The logo will be shown automatically when system boots up, otherwise, no logo appears on the screen.
[RecoveryEasyII setting]		
• Menu language Select	*English* *Chinese*	Select RecoveryEasyII Interface Menu language.
• Hotkey for Backup/Recovery	*NULL* *F2~F12*	Backup/Recovery interface can not be used by Pressing Hotkey. Select Hotkey to enter Backup/Recovery interface during POST.
[BIOS -protectEasy setting]		
• Flash Write Protect	*Enabled* *Disabled*	This option is for protecting the system BIOS, when enabled, writing to BIOS area is to be discarded.

Warning

Be sure your selection is right. CPU over speed will be dangerous! We will not be responsible for any damages caused.

Advanced BIOS Features Setup

Figure-4 Advanced BIOS Features Menu

The following indicates the options for each item and describes their meaning.

Item	Option	Description
• Anti-Virus Protection	*Enabled*	Allows you to choose the VIRUS warning feature for IDE Hard Disk boot sector protection. If this function is enabled and someone attempt to write data into this area, BIOS will show a warning message on screen and alarm beep.
	Disabled	Invalidates this function.
• CPU L1&L2 Cache	*Enabled*	Enable CPU L1/L2 cache.
	Disabled	Disable CPU L1/L2 cache.
• Quick Power On Self Test	*Enabled*	Allow the system to skip certain tests while booting. This will decrease the time needed to boot the system.
	Disabled	Normal POST.
• First (Second, Third) Boot Device Boot Other Device	*Disabled* *Floppy/LS120* */CDROM* ...	Select Your Boot Device Priority. It could be Disabled, Floppy, LS/ZIP, HDD-0, HDD-1, HDD-2, HDD-3, SCSI, CDROM, LAN.
• Swap Floppy Drive	*Enabled*	If the system has two floppy drives, choose enable to assign physical drive B to logical drive A and vice-versa.
	Disabled	

Item	Option	Description
• Boot Up NumLock Status	*On* *Off*	Keypad is used as number keys. Keypad is used as arrow keys.
• Gate A20 Option	*Normal* *Fast*	The A20 signal is controlled by the keyboard controller. The A20 signal is controlled by Port92.
• Typematic Rate Setting	*Enabled* *Disabled*	Keystrokes repeat at a rate determined by the keyboard controller - when enabled, the typematic ate and typematic delay can be selected.
• Typematic Rate (chars/sec)	*6-30*	The rate at which character repeats when you hold down a key.
• Typematic Delay (Msec)	*250-1000*	The delay before keystrokes begin to repeat.
• Security Option	*Setup* *System*	Select whether the password is required every time the system boot or only when you enter setup.
• OS Select For DRAM>64MB	*Non-OS2* *OS2*	Select OS2 only if you are running OS/2 operating system with more than 64MB of RAM.
• HDD S.M.A.R.T. Capability	*Enabled* *Disabled*	Enable hard disk S.M.A.R.T. support. Invalidate this feature.
• Report NO FDD for WIN 95	*Yes* *No*	Report NO Floppy Disk Drive for WIN 95 to release IRQ6. Do not report No Floppy Disk Drive for WIN 95.

Advanced Chipset Features Setup

Figure-5 Advanced Chipset Features Menu

The following indicates the options for each item and describes their meaning.

Item	Option	Description
• DRAM Timing Selectable	*By User* *By SPD*	DRAM timing is defined by user. DRAM timing is defined by SPD.
• CAS Latency Time	*1.5~3*	Set CAS latency time.
• Active to Precharge Delay	*5,6,7*	Set precharge delay time.
• DRAM RAS# to CAS# Delay	*2,3*	Set DRAM RAS# to CAS# delay 3 SCLKs or 2 SCLKs.
• DRAM RAS# Precharge	*2,3*	Set DRAM RAS# precharge as 3 or 2.
• Memory Frequency For	*Auto* *DDR200* *DDR266* *DDR333*	Set Memory Frequency. Set Memory Frequency as 333MHz(P7BL/P7BLI can not support DDR333)
• System BIOS Cacheable	*Enabled* *Disabled*	Besides conventional memory, the system BIOS area is also cacheable. System BIOS area is not cacheable.
• Video BIOS Cacheable	*Enabled* *Disabled*	Besides conventional memory, video BIOS area is also cacheabl Video BIOS area is not cacheable.

Item	Option	Description
• Video RAM Cacheable	*Enabled*	Besides conventional memory, video RAM area is also cacheable.
	Disabled	Video RAM area is not cacheable.
• Memory hole at 15M-16M	*Enabled*	Memory hole at 15-16M is reserved for expanded ISA card.
	Disabled	Do not set this memory hole.
• Delayed Transaction	*Enabled*	Enable Delayed Transaction.
	Disabled	Disable Delayed Transaction.
• Delay Prior to thermal	*4/8/16Min 32Min*	Setting time for CPU automatically enters thermal mode.
• AGP Aperture Size(MB)	*4/8/16/32 64/128 256*	Set the effective size of the Graphics Aperture to be used in the particular GART Configuration(It is not available when onboard VGA used).
• On-chip VGA	*Enabled*	Enable onboard VGA.
	Disabled	Disable onboard VGA(It is not available when external graphics card used).
• On-chip Frame Buffer size	*8MB 1MB*	Set On-chip Frame Buffer as 8MB or 1MB.(It is not available when external graphics card used).
• Auto Detect PCI Clk	*Enabled*	Close empty PCI clock to reduce EMI.
	Disabled	Do not close empty PCI clock.
• Spread Spectrum	*+/-0.25% ... +/-0.38%*	Enable Clock Spread Spectrum to reduce EMI.
	Disabled	Disable this function.

Power Management Setup

Figure-6 Power Management Setup Menu

The following indicates the options for each item and describes their meaning.

Item	Option	Description
• ACPI function	*Enabled* *Disabled*	Enable ACPI function. Disable this function.
• ACPI Suspend Type	*S1(POS)* *S3(STR)*	Select the ACPI suspend type.
• Run VGABIOS if S3 Resume	*Auto*	The VGA device could be initialized automatically when system was waken up from S3 status.
	Yes	Enable VGA device be initialized when system was waken up from S3 status.
	No	Disable VGA device be initialized when system was waken up from S3 status.
• Power Management	*User Define*	Users can configure their own Power Management Timer.
	Min Saving	Pre - defined timer values are used. All timers are in their MAX values.
	Max Saving	Pre - defined timer values are used. All timers are in their MIN values.

Item	Option	Description
• Video Off Method	*Blank Screen*	The system BIOS will only blank off the screen when disabling video.
	V / H SYNC + Blank	In addition to Blank Screen, BIOS will also turn off the V-SYNC & H - SYNC signals from VGA card to monitor.
	DPMS	This function is enabled only for VGA cards supporting DPMS. **Note: When the green monitor does not detect the V/H-SYNC signals, the electron gun will be turned off.**
• Video Off In Suspend	*Yes*	The system will disable video when entering suspend mode.
	No	Do not turn off video when entering suspend mode.
• Suspend Type	*Stop Grant PwrOn Suspend*	Select the Suspend type.
• MODEM Use IRQ	*3,4,5,7,9, 10,11*	Special Wake-up event for Modem.
	NA	This function is not applied.
• Suspend Mode	*Disabled*	The system never enter Suspend mode by timer.
	1Min ~ 1Hour	Define the continuous idle time before the system enters Suspend mode. If any items defined in "PM Events" are on and activated, the system will be woken up.
• HDD Power Down	*Disabled*	HDD's motor will not be off by timer.
	1 - 15 Min	Define the continuous HDD idle time before the HDD enters power saving mode (motor off).
• Soft-Off by PWR-BTTN	*Instant-Off*	The system will immediately power off once the power button is pressed.
	Delay 4 sec	The system will power off when power button is pressed for 4 seconds.
• CPU THRM-Throttling	*12.5%, 25%, 50%, 37.5%, 62.5%, 75%, 87.5%*	Select the duty cycle of the STPCLK# signal, slowing down the CPU speed when the system enters green mode.
• Wake-Up by PCI card	*Enabled*	Allow the system to be waked up by PCI card.
	Disabled	Do not allow the system to be powered on by PCI card.

Item	Option	Description
• Power on by Ring/LAN	*Enabled*	Allow the system to be powered on when a Ring indicator signal comes up to UART1 or UART2 from external modem (to LAN Wake-up Header from LAN adapter or to modem Ring on Header from internal modem card).
	Disabled	Do not allow Ring/LAN wake up.
• USB wake-up from S3	*Enabled*	USB device can be used to wake up the system from S3 status.
	Disabled	Disable this function.
• Resume by Alarm	*Enabled*	RTC alarm can be used to generate a wake-up event to power up the system.
	30Disabled	RTC has no alarm function.
	** Reload Global Timer Events **	
• Primary IDE 0/1, Secondary IDE 0/1	*Enabled*	Reload global timer, when there's an IDE event.
	Disabled	Do not reload global timer.
• FDD,COM,LPT Port	*Enabled*	Reload global timer, when there's a FDD/COM/ LPT event.
	Disabled	Do not reload global timer.
• PCI PIRQ[A - D]#	*Enabled*	Reload global timer, when there's a PCI event.
	Disabled	Do not reload global timer.

PNP/PCI Configuration Setup

Figure-7 PNP/PCI Configuration Setup Menu

The following indicates the options for each item and describes their meaning.

Item	Option	Description
● Reset Configuration Data	*Enabled*	Default setting is Disabled. Select Enabled to reset Extended System Configuration Data ESCD when you exit Setup, if you have installed a new add-on and the system reconfiguration has caused serious conflicts preventing the OS from booting.
	Disabled	Disable the configuration data function.
● Resources Controlled By	*Auto(ESCD)* *Manual*	BIOS can automatically configure all boot and Plug and Play compatible devices. If you choose Auto, you cannot select IRQ DMA and memory base address fields, because BIOS automatically assigns them.
● PCI/VGA Palette Snoop	*Disabled* *Enabled*	Default setting. Non-standard VGA cards such as graphics accelerators or MPEG video cards may not show colors properly. Enabling this item can solve this problem.

Integrated Peripherals

Figure-8 Integrated Peripherals Menu

The following indicates the options for each item and describes their meaning.

Item	Option	Description
• On-Chip Primary/ Secondary PCI IDE	*Enabled*	On-Chip Primary/Secondary PCI IDE is enabled.
	Disabled	On-Chip Primary/Secondary PCI IDE is disabled.
• IDE Primary/ Secondary Master/Slave PIO	*Mode 0 - 4*	Define the IDE primary/secondary master/slave PIO mode.
	Auto	The IDE PIO mode is defined by auto -detection.
• IDE Primary/ Secondary Master/Slave UDMA	*Auto*	Ultra DMA mode will be enabled if an Ultra DMA device is detected.
	Disabled	Disable this function.
• USB Controller	*Enabled*	Enable onchip USB controller.
	Disabled	Disable onchip USB controller.
• USB Keyboard Support	*Enabled*	Support USB Keyboard under legacy OS.
	Disabled	Do not support USB Keyboard under legacy OS.
• AC97 Audio	*Auto*	If audio codec was installed on board, the AC97 Audio function can be used. otherwise, the function is disabled.
	Disabled	Disable the AC97 Audio onboard.
• AC97 Modem	*Auto*	If modem codec was installed on board, the AC97 modem function can be used. otherwise, the function is disabled.
	Disabled	Disable the AC97 Modem onboard.

Item	Option	Description
• Onboard/CNR LAN Selection	*Auto*	If a CNR Interface is enabled, the onboard LAN will be automatically disabled. Otherwise, the onboard LAN is enabled.
	Onboard	The onboard LAN is enabled.
	Ext.CNR	CNR Interface is enabled.
• Init Display First	*PCI Slot*	Initialize the PCI VGA first.
	AGP	Initialize the AGP first.
• IDE HDD Block Mode	*Enabled*	Allow IDE HDD to read/write several sectors once.
	Disabled	IDE HDD only reads/writes a sector once.
• KBC input clock	*6/8 MHz*	Set the PS/2 Keyboard input clock as 6/8/12/16 MHz.
	12/16 MHz	
• Power On Function	*Button only*	Power on by power button.
	Password	Power on with keyboard password.
• KB Power ON Password	*Enter*	Enter keyboard password.
• Onboard FDC Controller	*Enabled*	Onboard floppy disk controller is enabled.
	Disabled	Onboard floppy disk controller is disabled.
• Onboard Serial Port 1/2	*3F8/IRQ4*	Define the onboard serial port address and required interrupt number.
	2F8/IRQ3	
	3E8/IRQ4	
	2E8/IRQ3	
	Auto	Onboard serial port address and IRQ are automatically assigned.
	Disabled	Onboard serial port is disabled.
• UART Mode Select	*Normal, IrDA*	Set UART mode.
	ASKIR, SCR	
• RxD, TxD Active	*Hi, Lo/Lo, Hi*	Default is recommended.
	Lo, Lo/ Hi, Hi	
• IR Transmission Delay	*Enabled*	Enable IR Transmission delay function.
	Disabled	Disable IR Transmission delay function.

Item	Option	Description
• UR2 Duplex Mode	*Half* *Full*	Default is recommended.
• Use IR Pins	*IR-Rx2Tx2* *RxD2, TxD2*	Default is recommended.
• Onboard Parallel Port	*378/IRQ7* *278/IRQ5* *3BC/IRQ7* *Disabled*	Define parallel port address and IRQ channel. Onboard parallel port is disabled.
• Parallel Port Mode	*SPP* *EPP* *ECP* *ECP+EPP*	Define the parallel port mode.
• EPP Mode Select	*EPP1.7* *EPP1.9*	Set EPP Mode as EPP 1.7 or EPP1.9 Version.
• ECP Mode Use DMA	*3* *1*	Set ECP Mode Use DMA 1 or 3.
• PWRON After PWR-Fail	*off, on* *Former-Sts*	The system remains OFF/ON/Former state when the AC power supply resumes.
• Game Port Address	*Disabled* *201,209*	This option is used to configure Game Port Address.
• Midi Port Address	*Disabled* *290* *300* *330*	This option is used to configure Midi Port Address.
• Midi Port IRQ	*5* *10*	This option is used to configure Midi Port IRQ.

PC Health Status

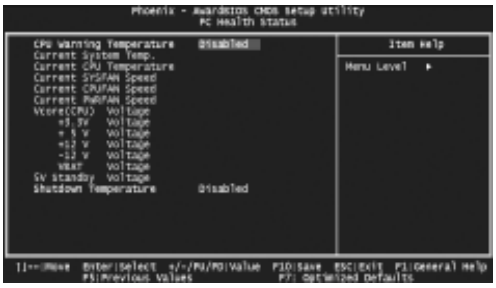


Figure-9 PC Health Status Menu

The following indicates the options for each item and describes their meaning.

Item	Option	Description
• CPU Warning Temperature	*50°C/122°F* *53°C/127°F* *56°C/133°F* *60°C/140°F* *63°C/145°F* *66°C/151°F* *70°C/158°F* 75°C/167°F *80°C/176°F* *85°C/185°F* *90°C/194°F* *95°C/205°F* *Disabled*	An alarm will beep when the CPU temperature reaches the previous setting, 50°C/122°F, 53°C/127°F, 56°C/133°F, 60°C/140°F, 63°C/145°F, 66°C/151°F, 70°C/158°F. 75°C/167°F, 80°C/176°F, 85°C/185°F, 90°C/194°F, 95°C/205°F. No alarm beep.
• Current System Temp.		The temperature inside the chassis.
• Current CPU Temperature		The temperature of CPU.
• Current SYSFAN Speed Current CPUFAN Speed Current PWRFAN Speed		RPM (Revolution Per Minute) Speed of fan which is connected to the fan header, SYSFAN CPUFAN, or PWRFAN . Fan speed value is based on an assumption that tachometer signal is two pulses per revolution. In other cases, you should regard it relatively.

• VCore(CPU) Voltage, +3.3V +5 V +12 V -12 V VBAT Voltage 5V Standby Voltage		Display current voltage value including all significant voltages of the mainboard. +3.3V, +5V, +12V, -12V are voltages from the power supply. VCore (CPU) Voltage is the CPU core voltage from the on board switching Power Supply. The VBAT Voltage is the voltage of battery.
• Shutdown Temperature	*60°C/140°F* *65°C/149°F* *70°C/158°F* 75°C/167°F *Disabled*	The system will shut down automatically under the ACPI OS when the CPU temperature reaches the previous setting. The system remains on regardless of how much the CPU temperature is.

Password Setting

When this function is selected, the following message appears at the center of the screen to assist you in creating a password.

ENTER PASSWORD

Type the password, up to eight characters, and press <Enter>. The password typed now will clear any previously entered password from CMOS memory. You will be asked to confirm the password. Type the password again and press <Enter>. You may also press <Esc> to abort the selection.

To disable password, just press <Enter> when you are prompted to enter password. A message will confirm the password being disabled. Once the password is disabled, the system will boot and you can enter BIOS Setup freely.

PASSWORD DISABLED

If you have selected "**System**" in "Security Option" of "BIOS Features Setup" menu, you will be prompted for the password every time the system reboots or any time you try to enter BIOS Setup.

If you have selected "**Setup**" at "Security Option" from "BIOS Features Setup" menu, you will be prompted for the password only when you enter BIOS Setup.

Supervisor Password has higher priority than User Password. You can use Supervisor Password when booting the system or entering BIOS Setup to modify all settings. Also you can use User Password when booting the system or entering BIOS Setup but can not modify any setting if Supervisor Password is enabled.

Boot with BIOS defaults

If you have made all the changes to CMOS values and the system can not boot with the CMOS values selected in setup, clear CMOS after power-down, then power on again. System will boot with BIOS default settings.

Appendix

QDI Utility CD

A QDI Utility CD is supplied with this mainboard, the contents contained in it are showed as below:

1. Driver Install

Using this choice, you can install all the drivers for your mainboard . You should install the drivers in order, and you need to restart your computer until all the drivers are installed.

A. Chipset software
B. IAA Setup
C. USB2.0 Driver
D. VGA Driver
E. Network Driver(optional)
F. Audio Driver(optional)
G. DirectX

2. **Accessory**

A. Norton AntiVirus 2002
B. QFlashV1.0
C. StepEasy II(Optional)

3. Browse CD

You could read all the contents contained in this CD, including Utility and Documents.

The files included in **Utility** are:

A. Awdflash.exe
B. Cblogo.exe
C. Lf.exe

The files included in **Documents** are:

A. Adobe Acrobat Reader V5.0

Norton AntiVirus

When you install Norton AntiVirus and accept options, your computer is safe. Norton AntiVirus automatically checks boot records for viruses at system startup, Checks programs for viruses at the time you use them, scans all local hard drives for viruses once per week, and monitors your computer for any activity that might indicate the work of a virus in action. It also scans files you download from the internet and checks floppy disks for boot viruses when you use them.

The list below shows the most important tasks Norton AntiVirus helps you perform:Scan for viruses on your computer;Remove viruses from your computer;Update your virus protection with LiveUpdate;Quarantine an infected file. you can go to the Symantec Web site to view an online tutorial:

http://www.symantec.com/techsupp/tutorial

LogoEasy II

Thank you for using QDI upgraded innovation--- LogoEasy II, which is completely compatible with LOGOEASY. LOGOEASY II can be easily operated in a Windows environment, following in steps with the trend. It has added the functions of supporting JPEG images and true color display of 64K and 16M colors with regard to JPEG-format graphics files and the high-precision display equipment, which are now widely used.

LOGOEASY II supports the high-resolution 640x480 or 800x600 image display and full-screen, top right corner or bottom right corner display. It also supports simultaneous display of logo and sign-on message of the BIOS testing system. LOGOEASY II is a tool that can be operated in multi-platforms to refresh and change LOGO graphics including DOS, WINDOWS 9X, WINDOWS NT, WINDOWS ME and WINDOWS XP. In particular, the tools under the interface of WINDOWS are simple and easy to operate. It teaches you by taking your hand how to change LOGO.

ITEM		LogoEasy II	LogoEasy
Colors	16 colors	×	×
	256 colors	√	√
	16M colors	√	×
Resolution	640*480	√	√
	800*600	√	×
Display Self-Test msg at the same time		√	√
Full Screen Logo		√	√
Display logo on corners		√	√

✓ ------ Support x ------- Not Support

When you power on or reset your system, the picture shown below will be displayed on the screen.

You can use "**LogoEasy II**" to replace it by any other logo which you want.

We provide two Utilities in the QDI Driver CD , which bring user the following two means to select:

A. Using CBLOGO.EXE Utility (Under DOS):

1.Copy "CBLOGO.EXE"and "AWDFLASH.EXE" from the directory \Utility located on QDI Driver CD to your hard disk.

2. Get the BIOS file from "AWDFLASH.EXE" or Download the BIOS file from the Website (http://www.qdigrp.com) and copy the BIOS file(xxxxxx.bin) to your hard disk.

3. Boot the system into DOS environment, Put your favor picture into BIOS file by "CBLOGO.EXE" command. For example: CBLOGO.EXE xxxxxx.bin myphoto.bmp

4. Flash the BIOS to motherboard by "AWDFLASH.EXE". For example: AWDFLASH xxxxxx.bin

B. Using QFlash (Under Windows):

1. Download the QFlash Utility from the Website (http://www.qdigrp.com) or get it from QDI Driver CD.
2. Run QFlash program step by step,following the directions until complete it .
3. Reboot the system, you can see the new picture displayed on the screen.

NOTE:

If you require more parameters information concerning "CBLOGO.EXE", please refer to the online help. If you don't prefer the logo displayed on the screen during bootup, set the "Show Bootup Logo" option as Disabled in CMOS Setup.

*** We reserve the right of modifying the default full-logo of QDI without further notification.**

BIOS-ProtectEasy

The BIOS of the mainboard is contained inside the Flash ROM. Severe viruses such as CIH virus are so dangerous that it may overwrite the BIOS of the mainboard. If the BIOS has been damaged, the system will be unable to boot. We provide the following solution which protects the system BIOS from being attacked by such viruses.

There are two choices which implements this function.

1. Set the jumper (BIOS_WP) as closed, the BIOS can not be overwritten.
2. Set the jumper (BIOS_WP) as opened, meanwhile set "Flash Write Protect" as Enabled in CMOS Setup. In this way, the BIOS can not be overwritten, but the DMI information can be updated.

RecoveryEasy II

Introduction:

RecoveryEasy II — the latest edition of RecoveryEasy, providing a more easy-to-operate and more secure and reliable tool for backing up and recovering the hard disk data. It will make your data on the hard disk more secure, and make your computer more reliable.

RcoveryEasy II will bring you invaluable experiences. It allows you to experience unprecedented security and reliability with its one-hotkey backup, one-hotkey recovery and powerful virus-free functions.

Features:

RcoveryEasy II has the following features:

⇨ **Secure Backup**

(1) Backup area can be reserved automatically in the High Memory Block (HMB) and all of partitions can be adjusted automatically .

(2) Backup area is invisible to any operating system and its upper software, making it impossible to be attacked completely.

⇨ **Ease to Operate**

(1) RcoveryEasy II is supported in both Chinese and English. You can easily enter Backup or Recover interface by simply pressing hotkeys. Backup or recover operation can be done with simple choices.

(2) User are not required to define the size of backup area. When backup start, it will automatically allocate an area in the High Memory Block (HMB) of hard disk as backup area upon the necessity of data storage, so as to improve the utilization of hard disk space.

⇨ **Adavantage Function**

(1) Multiform partition format can be supported in RcoveryEasy II, including FAT16, FAT32, NTFS etc.

(2)The capability of supportable Hard Disk is up to 137GB.

⇨ **Flexible Combination**

The hard disk data can be choosed to be protected and restored as required.

The following attachment is Backup and Recovery Function table:

Backup	Backup content	Restore content
Partition Table	Partition Table	Partition Table
System Partition	System Partition+Partition Table	System Partition, PartitionTable
Whole Disk	All Partitions+Partition Table	System Partition, PartitionTable, Whole Disk
CMOS Setup	CMOS Setup	CMOS Setup

Menu Language and Hotkey Selection

Please press “DEL” key to enter CMOS setup during the POST(Power On Self Test), then user can see [RecoveryEasyII Setting] items of the “QDI Innovation features” menu, in which the language on RecoveryEasyII interface and hotkey could be selected .

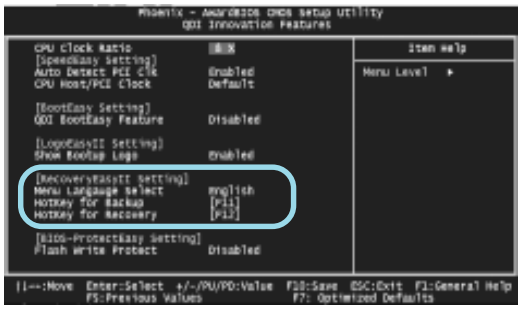


figure-1 QDI Innovation Features

1 Menu language Select

We provide two menu language for user to select, English is the default.

2 Hot key for Backup

There are 12 options, including NULL and F2~F12. Key F11 is default.

If NULL is selected, Backup interface can not be used with pressing hotkey. If you select one key of the rest 11 options, you can enter Backup interface by pressing the hotkey you setup during POST.

3 Hot key for Recovery

There are 12 options, including NULL and F2~F12. Key F12 is default.

If NULL is selected, Restore interface can not be used with pressing hotkey. If you select one key of the rest 11 options, you can enter Recover interface by pressing the hotkey you setup during POST.

NOTE:

If the Backup hotkey and Recover hotkey have been set with the same key, the default will be Backup hotkey.

Hard Disk Selection Menu

If you installed the system with several IDE hard disks, and you have pressed the backup or restore hotkey during POST, hard disk selection menu will popup before you enter backup or recovery interface, in which all of the IDE hard disks installed on your system will be listed. You can scroll the highlight bar to the hard disk you want to work with using arrow key. Press ENTER to confirm, and the following operation will be performed on the selected hard disk:

figure-2 Hard Disk Select

Backup Function Introduction

press Backup Hotkey to enter Backup Interface during the POST(Power On Self Test), then the follwing interface will appear. You can scroll the highlight bar to the option you want to work with using arrow key. Press ENTER to confirm.

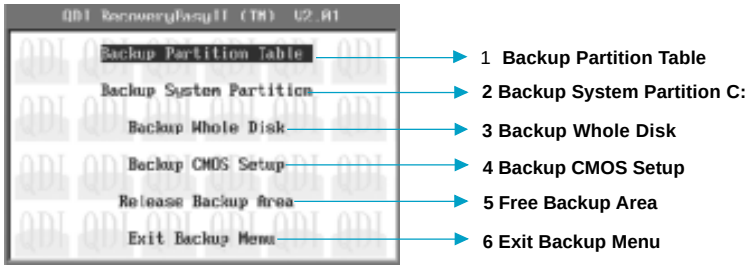


figure-3 Backup Interface

1 Backup Partition Table

It is used to backup partition table of current hard Disk. A partition table keeps the status of the hard disk partitions, such as the number of partitions, the type and size of each partition, etc. It is the most important information of the hard disk data structure. The incorrectness or loss of the table will result in the failure of reading data from the hard disk partitions.

2 Backup System Partition

It is used to backup the system partition of current hard disk. It makes a backup of the data in the bootable partition (actived partition) of current hard disk, as well as the partition table.

3 Backup Whole Disk

It makes a backup of all the useful data on the hard disk, including partition table and the data in all partitions.

4 Backup CMOS Setup

It is used to backup the settings you have made in the CMOS Setup.

5 Release Backup Area

It is used to unload the backup data on the hard disk, freeing the hard disk space.

6 Exit Backup Menu

It is used to Exit Backup Interface.

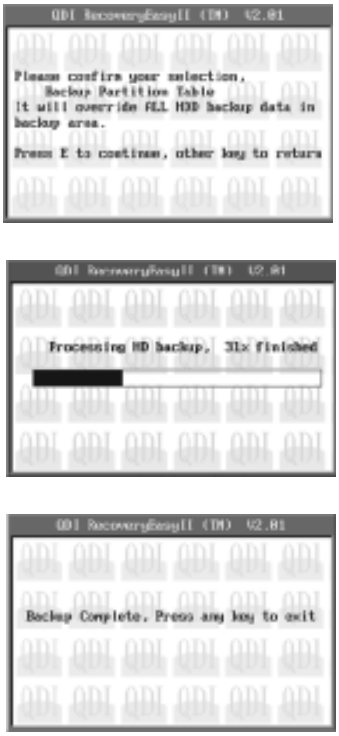


figure-4 Backup process

Recovery Function Introduction

Press Recovery Hotkey to enter Recovery Interface duringthe POST(Power On Self Test), then the follwing interface will appear. You can scroll the highlight bar to the option you want to work with using arrow key. Press ENTER to confirm.

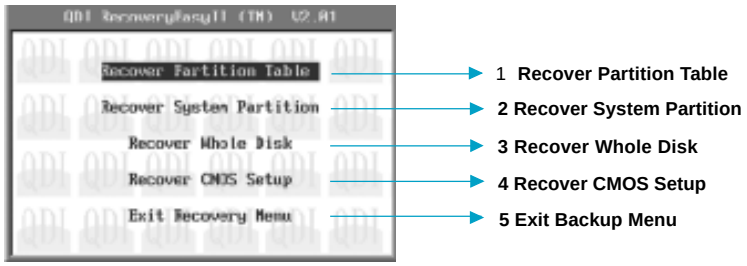


figure-5 Recover Interface

1.Recover Partition Table

It used to restore the partition table data stored in backup area to current Hard Disk.

2.Recover System Partition

It used to restore the system partition data stored in current backup area to current system partition. If current system partition doesn't match the backup system partition, a warning will be displayed indicating the recovery fails. This feature will only restore the bootable partition and contents in other partitions will be untouched.

3.Recover Whole Disk

It used to restore all the Hard Disk data stored in current backup area to current Hard DIsk. This operation will restore the partition table and data in all partitions, as a result, existing data in current Hard Disk will be overwritten.

4.Recover CMOS Setup

This will restore the latest backup of the CMOS Settings you have made to the current CMOS.

5 Exit Recovery Menu

It is used to exit Recovery Interface.

figure-4 Recover process

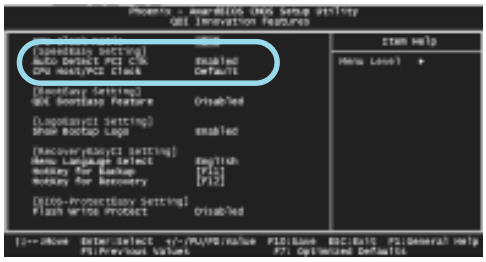
SpeedEasy

Procedures:

1. Correctly insert the your CPU.
2. Plug in other configurations and restore the system.
3. Switch on power to the system and press the <Del> key to enter BIOS Setup.
4. Enter “QDI Innovation features” menu to set up the CPU speed.
5. Set CPU Clock ratio and CPU Host Frequency .
6. Save and exit BIOS Setup, your system will now boot successfully.

CPU SpeedEasy Setup Menu

Select <QDI Innovation features> item from the main menu and enter the sub-menu:



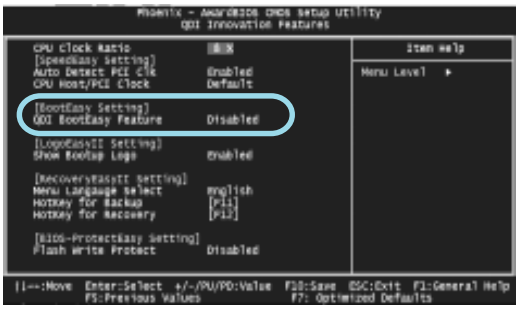
QDI Innovation features Menu

BIOS provides you with a set of basic values for your processor selection instead of the jumper settings. The processor speed can be manually selected on the “QDI Innovation features” menu screen.

Warning **Do not set CPU frequency higher than its working frequency. If you do, we will not be responsible for any damages caused.**

BootEasy

BootEasy technology enormously improves the long BOOT process time of computers. Reducing the wait time every user has to suffer when starting their computer. BIOS without BootEasy has to perform many routines every time when the system starts, such as checking system core of the computer and initializing system peripherals. Now with the BootEasy, BIOS will not run these repetitive Processes any longer , PC can boot-up without any redundant waiting for the displaying of starting OS. BootEasy is quite easy to use , choose the right option in CMOS SETUP, (refer to QDI Innovation features) it can be easily booted quickly. BootEasy save all the information when PC first normally boot-up, and it restores all the parameters for the system and thus let the PC boot freely and rapidly.



Note:

1. Under the following conditions, PC will boot-up in normal way.
   (1) PC boot-up for the first times after set option as Enabled.
   (2) the system information saved by BIOS was damaged.
   (3) PC fail to boot-up continually over three times.
   Setting the jumper BIOS_WP as open if you encounter the above conditions.

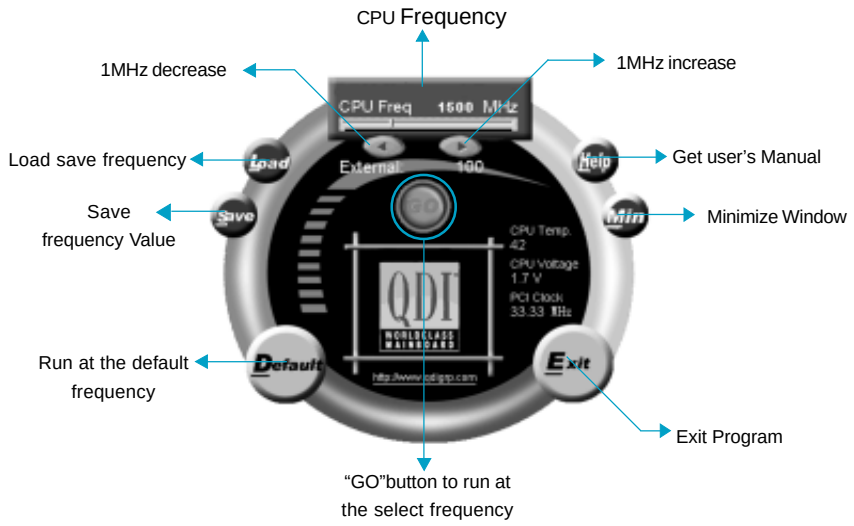
2. Don't power off or reset system while BootEasy initializing.

3. set "QDI BootEasy Feature" as "Disabled" before you replace system equipment.
   set "QDI BootEasy Feature" as "Enabled" after you accomplished replacing.

StepEasy II(Optional)

As one of the Legend QDI's innovations, StepEasyII is a powerful and efficient Easy Technology for PC DIY fans. It provides a friendly interface for you that you can adjust the CPU frequency conveniently and directly. It is so powerful that you can change the CPU frequency just in a few seconds under the operating system(Windows 95/98/ME/2000/NT) and have no need to reset the PC or change the jumpers.In addition, StepEasyII can decrease the risk of changing the CPU frequency to minimum. As long as you conform to the steps of tuning the CPU frequency, there is almost no risk to adjust the frequency. Its second strong function is system monitoring,enables you to view some key reference data concerning computer health in real time.

The following figure is the StepEasyII interface for you reference:



Installation

You can install the QDI StepEasyII by the following two means:

1. Run CD, select the installation of QDI StepEasyII, then, act step by step according to the interface prompt.
2. Browse CD and run the setup.exe in the relative directory.

Because there exists some risk for the CPU chip or the mainboard to change the CPU frequency , We suggest you read the manual carefully before installing QDI StepEasyII .

When start QDI StepEasyII, to avoid accident, we recommend you to close your other program before run StepEasyII.

1. You can click on the 1MHz increase (1MHz decrease) or press shortcute key "+"("-")to set the wanted frequency, then click on the "GO" button to get the wanted frequency.

2. Also, you can click on the "Default" button , then click on the "GO" button to get the default frequency.

3. StepEasyII considerately provides users to save his successful CPU tune frequency for later use .If user wants to save the current frequency , he can clicks on the "Save" button to realize it.

4. When click on the "Load" button , the saved CPU frequency is obtained immediately.

5. When click on the "Min" button, the utility will minimize to an icon in the right-bottom task tray. Whenever user clicks the QSE(QDI StepEasyII abbr.) icon in the task tray, the utility will be activated in the current window.

6. The real-time system information such as CPU temperature,CPU voltage and PCI clock will automatic shown on the ineterface.

Note:

1. QDI StepEasyII can only support the QDI motherboard with the clock chip that sup ports StepEasyII.
2. The performance of StepEasyII depends on the CPU, SDRAM, peripheral equipments and the software running.
3. There exist some risks to change the CPU frequency for the CPU or motherboard. StepEasyII can decrease the risks to minimum. But Legend QDI will not be responsible for any damages caused.
4. If the system halts while running StepEasyII, please press the power button until the system powers down .Restart your computer ,and the system will run in the normal status.
5. When the system was woken up from S3 or S4 status,please click on the “GO”button to run at the selected frequency.

QDI BootEasy(German)

BootEasy ist eine Neuentwicklung von Legend QDI, die neue Innovation der QDI Easy – Technologien.

BootEasy Setup Menu

Mit der BootEasy- Technologie Technik wird der Bootvorgang nur noch vier bis fünf Sekunden in Anspruch nehmen, bis das Betriebssystem geladen wird. Der Grund für die lange Warterei liegt in den Routine-Abfragen, die das BIOS bei jedem Start abarbeitet. So wird beispielsweise jedes Mal die Taktfrequenz des Prozessors geprüft oder angeschlossene Geräte aktiviert.
Die BootEasy-Technik prüft diese Punkte nur beim erstmaligen Start des Rechners und speichert die Ergebnisse in einem Flash ROM. Beim nächsten Start ruft das System lediglich diese Informationen aus dem Speicher ab und kann so innerhalb von wenigen Sekunden den Boot-Prozess abschließen.
Bei Änderungen am System, beispielsweise nach dem Einbau eines neuen Prozessors, muss deshalb zuvor die BootEasy-Funktion deaktiviert werden, beim nächsten Start werden die neuen Informationen dann erneut abgespeichert.
Falls Fehler im Flash ROM den Bootvorgang behindern, versucht das System drei Mal den Rechner hochzufahren, bei Misserfolg schaltet
es auf die althergebrachte Art zu booten um, das heißt, es dauert wieder ebenso lang wie früher. Anschließend kann die BootEasy – Technik wieder aktiviert werden.
Falls Fehler im Flash ROM den Bootvorgang behindern, versucht das System drei Mal den Rechner hochzufahren, bei Misserfolg schaltet es auf die althergebrachte Art zu booten um, das heißt, es dauert wieder ebenso lang wie früher. Anschließend kann die BootEasy – Technik wieder aktiviert werden.

Instalación de la placa base Legend-QDI PlatiniX 7B(Spanish):

1. Asegúrese que se incluyen los siguientes artículos: Placa base Legend-QDI PlatiniX 7B, 1 cable de datos para el puerto IDE y 1 cable de datos para el Floppy, jumpers, 1 manual de usuario Legend-QDI PlatiniX 7By un disco compacto con los controladores de la placa base Legend-QDI PlatiniX 7B.

2. Asegúrese de que el cable de la fuente de alimentación esta desconectado y asegúrese de estar en contacto a masa utilizando una pulsera antiestática. Si no dispone de dicha pulsera, toque un objeto directamente conectado a masa o una parte metálica de su equipo como puede ser la caja de este.

3. Fije la placa base en la caja de su equipo con los tornillos especiales que acompañan a su caja.

4. Los jumpers están localizados en la placa base, con ellos se configuran, por ejemplo: Clear CMOS JCC, Habilitar BIOS ProtectEasy JAV etc…, el PIN1 para todos los jumpers esta marcado con una línea más gruesa (Consulte el apartado “Jumper Settings” en el manual de usuario de su placa Legend-QDI PlatiniX 7B en el capítulo 2).

5. Inserte el procesador en el socket y conecte el ventilador del procesador en el conector de su placa base Legend-QDI PlatiniX 7B marcado como “CPUFAN”.

6. Inserte los módulos de memoria en los bancos de memoria DIMM de su placa base Legend-QDI PlatiniX 7B.

7. Inserte las tarjetas PCI y/o la tarjeta ISA y AGP en las bahías de expansión de su placa base Legend-QDI PlatiniX 7B.

8. Conecte los periféricos internos IDE y las disqueteras mediante los cables de datos específicos a su placa base Legend-QDI PlatiniX 7B. Asegúrese que la orientación de los cables sea la correcta. (El cable rojo se corresponde con el pin 1).

9. Conecte los cables de la caja del ordenador a su placa base Legend-QDI PlatiniX 7B, como el conector de la fuente de alimentación, los testigos de corriente, y lectura de disco duro, interruptores de inicio y reset (consulte el apartado “External Connectors” del manual de usuario de su placa base Legend-QDI Superb4).

10. Conecte los diferentes periféricos externos como el teclado PS/2, ratón PS/2, serie o USB, los dispositivos USB, el monitor y la impresora a la placa base Legend-QDI Superb4 (consulte el apartado “External Connectors” en el manual de su placa base Legend-QDI Superb4, en el capítulo 2).
11. Cuando haya finalizado de realizar todas las conexiones, conecte el cable de alimentación a la fuente de alimentación y encienda su PC:

Instalación del sistema:

1. Encienda su equipo mediante el interuptor de encendido de la caja.
2. Presione la tecla « Supr » para entrar en el menú de configuración de la BIOS.
3. Seleccione los valores de la Bios en concordancia con la configuración de su sistema (Nosotros le recomendamos que deje los valores establecidos por la Bios por defecto, para evitar posibles fallos que ocasionen que su sistema no funcione correctamente). Para más información las funciones de la Bios, consulte el apartado “BIOS Description” en el manual de usuario de la placa base Legend-QDI Superb4). Presione la tecla « F10 » y seleccione la opción “Save & Exit Setup” en el menú de configuración de la Bios para guardar los cambios y reiniciar el sistema.
4. Instale el sistema operativo en el disco duro, no se olvide de seleccionar la secuencia de inicio correcta para que el sistema operativo pueda iniciarse.
5. Después de la instalación del sistema operativo, asegúrese que no hay conflictos con ningún dispositivo de su sistema.
6. Entonces, después del último paso, proceda a la instalación de los controladores de los diferentes dispositivos.

Un disco compacto con controladores de Legend-QDI esta incluido en el paquete de la placa base Legend-QDI Superb4.

1. Instalación de los controladores

Usted puede instalar todos los controladores para su placa base facilmente. Tiene que instalar los controladores en el siguiente orden para un correcto funcionamiento del sistema, y es necesario reiniciar el equipo antes de finalizar la instalacción de los controladores.

A. Chipset software
B. Network Driver (Opcional)
C. Audio Driver (Opcional)
D. VGA Driver (Opcional)
E. DirectX
F. USB2.0(Opcional)

2. Accessorios

A. QFlash
B. QDI StepEasy (Opcional)
C. Norton AntiVirus

3. Navegue por el CD

Usted puede leer todos los documentos incluidos en este CD, incluidos Utility and Documents.

Los ficheros incluidos en **Utility** son:

A. Awdflash.exe
B. Cblogo.exe
C. Lf.exe

Manuel d'installation des cartes mères de la série Legend-QDI PlatiniX 7B (French):

Intégration du système :

1. Vérifier la présence de chaque élément dans la boite de la carte mère de la série Legend-QDI PlatiniX 7B :

   - ☑ Une carte mère de la série Legend-QDI PlatiniX 7B.
   - ☑ Un CD-ROM d'installation Legend-QDI.
   - ☑ Un manuel d'utilisation de la carte mère Legend-QDI PlatiniX 7B.
   - ☑ Un sachet de cavaliers.
   - ☑ Une nappe IDE compatible avec la norme ATA/66 destinée au lecteur de disque dur.
   - ☑ Une nappe destinée au lecteur de disquette.
   - ☐ Un fond de panier métallique destiné à l'unité centrale de l'ordinateur (Caractéristique technique optionnelle).
   - ☐ Un câble d'extension destiné à permettre l'exploitation des ports USB 3 et USB 4 ou USB 5 et USB 6 (Caractéristique technique optionnelle).

2. Vérifier que le câble électrique relié au boîtier d'alimentation de l'unité centrale de l'ordinateur est déconnecté. Se relier à la terre grâce à un bracelet lié au poignet. A défaut de disposer d'un bracelet, maintenir un contact physique avec un objet lui-même relié à la terre, ou à une partie métallique du système comme la structure de l'unité centrale de l'ordinateur.
3. Fixer la carte mère dans l'unité centrale de l'ordinateur grâce aux vis fournies avec cette dernière lors de son achat.
4. S'assurer que la carte mère de la série Legend-QDI PlatiniX 7B est matériellement correctement configurée, pour cela vérifier que les cavaliers insérés sur les broches intégrées de cette dernière sont correctement positionnés. Dans ce but il est important de se référer à la section nommée « Configuration des cavaliers » du chapitre numéro 2 nommé « Instructions d'installation » contenu dans le manuel d'utilisation livré avec la carte mère de la série Legend-QDI PlatiniX 7B lors de son achat.

5. Connecter le processeur dans le socket intégré à la carte mère de la série Legend-QDI PlatiniX 7B et prévus à cet effet. Fixer le système de refroidissement de ce dernier et connecter son ventilateur sur les broches nommées « CPUFAN » intégrées à la carte mère de la série Legend-QDI PlatiniX 7B et prévus à cet effet.
6. Connecter les éventuelles barrettes de mémoire dans les slots intégrés à la carte mère de la série Legend-QDI PlatiniX 7B et prévus à cet effet.
7. Connecter les éventuelles cartes d'extension au format AGP, ISA ou PCI dans les slots intégrés à la carte mère de la série Legend-QDI PlatiniX 7B et prévus à cet effet
8. Connecter les éventuels périphériques IDE ainsi que le lecteur de disquette à la carte mère de la série Legend-QDI PlatiniX 7B grâce aux nappes fournies avec cette dernière lors de son achat. S'assurer que l'orientation des nappes connectées est correcte en vérifiant que le liseré rouge de ces dernières correspond à l'emplacement de la broche numéro 1 du connecteur.
9. Connecter les câbles de l'unité centrale de l'ordinateur sur les broches intégrées à la carte mère de la série Legend-QDI PlatiniX 7B et prévues à cet effet. Dans ce but il est important de se référer à la section nommée « Connecteurs externes » du chapitre numéro 2 nommé « Instructions d'installation » contenu dans le manuel d'utilisation livré avec la carte mère de la série Legend-QDI PlatiniX 7B lors de son achat.
10. Raccorder les périphériques externes sur les connecteurs de fond de panier intégrés à la carte mère de la série Legend-QDI PlatiniX 7B. Dans ce but il est important de se référer à la section nommée « Connecteurs externes » du chapitre numéro 2 nommé « Instructions d'installation » contenu dans le manuel d'utilisation livré avec la carte mère de la série Legend-QDI PlatiniX 7B lors de son achat.
11. Lorsque tous les éléments du système sont correctement intégrés, il est possible de reconnecter le câble électrique au boîtier d'alimentation de l'unité centrale de l'ordinateur.

Installation du système :

1. Démarrer le système en pressant l'interrupteur de fonctionnement de l'unité centrale de l'ordinateur.
2. Presser la touche "Suppr" du clavier afin d'entrer dans le menu de BIOS.
3. Dans le menu de BIOS nommé "QDI Innovation features", ajuster la fréquence de fonctionnement du processeur. Attention, il est fortement recommandé de charger les réglages de sûreté par défaut afin d'éviter un éventuel dysfonctionnement du système. Dans ce but il est important de se référer à la section nommée « Description du BIOS Award » du chapitre numéro 3 nommé « Description du BIOS » contenu dans le manuel d'utilisation livré avec la carte mère de la série Legend-QDI PlatiniX 7B lors de son achat.
4. Procéder à l'installation du système d'exploitation sur le lecteur de disque dur intégré au système. Dans ce but il est important de vérifier que la séquence de démarrage du système paramétrable à partir du menu de BIOS permet à la procédure d'installation du système d'exploitation de s'initialiser.
5. Une fois l'installation du système d'exploitation achevée, vérifier qu'il ne subsiste aucun conflit ou périphérique inconnu au sein du système.
6. Après cette étape, procéder à l'installation des pilotes de chaque périphérique détecté par la carte mère de la série Legend-QDI PlatiniX 7B.

Lors de son achat un CD-ROM d'installation Legend-QDI est livré avec la carte mère de la série Legend-QDI PlatiniX 7B.

1. Driver Install :

Avec cette option, il est possible d'installer les pilotes de la carte mère de la série Legend-QDI PlatiniX 7B aisément. Il est important d'installer les pilotes en respectant l'ordre prédéfinit et de redémarrer le système après avoir effectué l'installation de tous les pilotes.

Applications contenues dans le dossier :

A. Pilotes du chipset intégré.
B. Pilote de la fonction réseau intégrée.

D. Pilote VGA.
E. Microsoft DirectX.
F. Pilote USB2.0

2. Accessory :

Applications contenues dans le dossier :

A. Qflash.
B. Legend-QDI StepEasy (Caractéristique technique optionnelle).
C. Symantec Norton AntiVirus 2002.

3. Browse CD :

Avec cette option, il est possible de consulter l'ensemble des données contenues sur le CD-ROM d'installation Legend-QDI

Applications contenues dans le dossier :

A. Awdflash.exe.
B. Cblogo.exe.
C. Lf.exe.

Legend-Qdi PlatiniX 7B installazione mainboard (Italian):

1. Assicurarsi che la scatola sia completa: Legend-qdi PlatiniX 7Bmainboard, cavo IDE e Floppy, jumpers, manuale dell'utente della mainboard Legend-QDI PlatiniX 7B e cd-rom drivers.
2. Controllare che il cavo alimentazione proveniente dal computer-case sia sconnesso assicurarsi inolre di aver indossato corretamente il bracciale da polso collegato a massa. In mancanza di questo toccare un punto a massa o una parte metallica del case
3. Fissare la mainboard nel case con le speciali viti fornite con il computer-case
4. I jumper locati sulla mainboard rappresentano: JCC azzeratore BIOS , JAV abbilitatore/disabbilitatore in BIOS della funzione **protectEasy;** per tutti i jumper il PIN 1 e' contrassegnato da un spessa linea bianca (consultare il manuale al capitolo 2 " JUMPER AND SETTINGS")
5. Inserire il processore nell'apposito slot ; la ventola del processore deve essre collegato nello speciale connettore targato " CPUFAN ".
6. Inserire il modulo/i di memoria nell'apposito memory slots
7. Inserire le periferiche Pci negli appositi Pci slots
8. Collegare le periferiche IDE e il FLOPPY con l'apposito cavo fornito con la mainboard negli specifici connetori marcati. Assicurarsi che l'orientamento del cavo sia corretto. (La linea rossa sul cavo deve essere inserita nellapposito connettore in corispondezza del pin 1)
9. Conettere la mainboard con: il cavo di alimentazione proveniente dall'alimentatore, il connettore dell'interuttore di stand by, il conettore del led di segnalazione "acceso", il connettore led di funzionalita' HARD DISK, il connettore dello spekear interno al CASE.....(consultare il manuale capitolo 2. " EXTERNAL CONNECTORS ". Dopo chiudere il CASE)
10. Connettere le differenti periferiche esterne come il PS/2 mouse, la PS/2 tastiera, le prese USB, il monitor e la stampante con gli specifici connettori posizionati sulla faccia esterna della mainboard.
11. Quando la vostra configurazione sara' tutta connessa, aggangiare il cavo di alimentazione

Installazione di sistema

1. Portare in posizione di acceso l'interuttore di ACCESO
2. Usare il tasto DEL per entrare nel nel software di configurazione del BIOS
3. Regolare le funzioni del BIOS in accordo con la configurazione di sistema (Noi ti raccomandiamo di usare l'impostazione di default per evitare rischi di anomalie di funzionalita'). Per maggiori informazioni controllare il capitolo 3, sezione "BIOS DESCRIPITION". Premere F10 sulla tastiera o scegliere "SAVE and EXIT" dal menu di BIOS per salvare le impostazioni scelte ed uscire dal BIOS program.
4. Installare il sistema operativo , non dimenticando di mettere nelle giuste condizioni di partenza la sequenza di boot.
5. Dopo una giusta installazione accertarsi che non vi siano conflitti tra le periferiche in uso
6. Dopo questo ultimo passo procedere all'installazione dei driver delle varie periferiche

IL CD CONTENENTE I DRIVER DELLA VOSTRA MAINBOARD LEGEND-QDI E' CONTENUTO NELLA SCATOLA

1. Installazione driver

E possibile installare tutti i driver della Vs. mainboard in modo facile e veloce. Dovreste installare i driver nella seguente succesione, finito cio' bisogna far ripartire il personal computer.

A. Chipset software
B. Network Driver (Optional)
C. Audio Driver (Optional)
D. VGA Driver
E. DirectX
F. USB2.0 Driver

A. Qflash
B. QDI StepEasy(Optional)
C. Norton AntiVirus

Guardando il CD

Questo manuale di installazionee' disponibile anche nella sua versione elettronica all'interno del cd accompagnativo, insieme anche diverse utili quali:

A. Awdflash.exe B. Cblogo.exe
C. Lf.exe

Board Layout of PlatiniX 7B

This layout is just for your reference