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Contents

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Gateway Solo™ 2100 Multimedia Notebook
User's Guide
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610 Gateway Drive
North Sioux City, SD 57049 USA

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FCC statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult an experienced radio/TV technician for help.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To meet FCC requirements, shielded cables are required to connect this device to any other Class B certified device.

INDUSTRY CANADA Notice — For the customers in Canada
This apparatus complies with the Class B limits for radio noise emissions set out in Radio Interference Regulations.

INDUSTRIE CANADA Notice — Pour les utilisateurs au Canada
Cet appareil est conforme aux normes Classe B pourbruits radioélectriques, spécifiés dans le Règlement sur le broullage.

Cautions and Warnings

Caution: Danger of explosion if battery is incorrectly replaced. The battery can pose a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 60°C (140°F), or incinerate. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries promptly and according to the manufacturer's instructions.

Attention: Il y a danger d'explosion s'il y a replacement incorrect de la batterie. Remplacer uniquement avec une batteries du meme type ou d'un type recommande par le constructeur. Mettre rebut les batteries usagees conformement aux instructions du fabricant.

Vorsicht: Explosionsgefahr bei unsachgemäßem Batteriewechsel. Originalbatterien nur durch gleiche oder vom Hersteller empfohlene Batterien ersetzen. Gebrauchte Batterien an Gateway 2000 zurücksenden.

Advarsel: Eksplosjonsfare ved feilaktig skifte av batteri. Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten. Brukte batterier kasseres i henhold til fabrikantens instruksjoner.

Caution: Replace the cord if it becomes damaged. U.S. and Canadian replacement cords must be UL-approved (CSA certified in Canada) type SPT-2, 18 AWG, 2-conductor cord with permanently attached NEMA type 1-15P plug at one end and a permanently attached S1 connector body on the other. Cord length may not exceed 15 feet. Outside the U.S. and Canada the cord must be rated for at least 250VAC at 10 amps, and must indicate international safety agency approval. The plug must be a type appropriate for the country of use.

Obtain replacement cords at an authorized service center. The replacement must be of the same type and voltage rating as the original cord.

Vorsicht: Beschädigte Kabel ersetzen. Ersatzkabel in den USA und Kanada müssen folgende Bedingungen erfüllen: UL-anerkannter (in Kanada CSA-zertifizierter) SPT-2 Typ, 18 AWG, 2-Leiter-Kabel mit fest installiertem NEMA-Typ-1-15P-Stecker und fest installierter Anschlußdose am anderen Ende, max. 4,57 m Länge. Außerhalb der USA und Kanada gelten folgende Bedingungen: Kabel für mindestens 250 V Wechselstrom bei 10 A, anerkannt durch internationale Sicherheitsbehörde, landesspezifischer Stecker.

Ersatzkabel nur im Fachhandel erwerben. Nur Ersatzkabel des gleichen Typs und für die gleiche Spannung (Voltzahl) wie das Originalkabel verwenden.

Warning: Always plug the cord into an easily accessible outlet near the equipment so that unplugging the cord is an easy way to shut off power.

Do not attempt to disassemble the AC adapter. The AC adapter has no user-replaceable or user-serviceable parts inside. The AC adapter has dangerous voltages that can cause serious personal injury or death. Return defective AC adapters to Gateway 2000.

The AC adapter is intended for use with a computer. Both must meet EN 60950.

Achtung: Netzkabel stets in eine gut zugängliche Steckdose nahe der Ausrüstung einstecken, um durch einfaches Ziehen des Steckers jederzeit die Stromversorgung unterbrechen zu können.

Den Adapter unter keinen Umständen auseinanderbauen. Der Adapter enthält keine vom Benutzer zu ersetzenden oder zu wartenden Bestandteile. Die Spannung im Adapter kann beim Auseinanderbau zu Verletzungen oder Tod führen. Beschädigte Adapter an Gateway 2000 zurücksenden.

Der Adapter ist für den Gebrauch mit einem Computer bestimmt. Adapter und Computer müssen die Norm EN 60950 erfüllen.

Environmental considerations

Your Gateway Solo 2100 Multimedia Notebook has been engineered to provide many years of reliable service. However, you should give it the same reasonable care and protection that you would any other electronic equipment. Damage caused by dropping the Gateway Solo 2100 Multimedia Notebook, impact with another object, or immersion in liquids is not covered by the warranty. Never expose the Gateway Solo 2100 Multimedia Notebook to rain, snow, or moisture. Avoid locations with high levels of dirt, dust, or smoke.

CAUTION: DO NOT OPEN. NO USER SERVICEABLE PARTS INSIDE.
ATTENTION: NE OUVRIER PAS. PARTIS RÉPARABLES UNIQUEMENT À L'USINE.
VORSICHT: NICHT ÖFFNEN. ENTHÄLT KEINE VOM BENUTZER ZU WARTENDEN BESTANDTEILE.

Specifications

(Specifications are subject to change without notice or obligation.)

|	
CPU	Intel Pentium™ 100, 120, or 133MHz, TCP packaging
Cache	256K pipelined burst level 2
RAM	EDO; 8MB minimum, expandable to 40MB
Core logic	Intel 82430MX (Mobile Triton I), PCI bus
Clock frequency	50/60/66MHz
BIOS	Phoenix; 256KB Flash ROM
LCD panel size	11.3″ DSTN, 11.3″ TFT, 12.1″ TFT
LCD panel resolution	SVGA 800 × 600
LCD panel color depth	TFT: 65,536 colors (16-bit) at SVGA resolution; DSTN: 256 colors at SVGA resolution
External video	Supports simultaneous LCD/External monitor
External video resolution	640 × 480 with 16 million colors to 1024 × 768 with 256 colors
Video	Cirrus 7548 with DCI/Direct draw capability, GUI motion video acceleration, continuous X/Y upscaling to 1024 × 768, and an enhanced Bit-BLT engine
Video interface	32-bit PCI bus with 64-bit memory interface
Video memory	1MB EDO RAM
Zoomed video	PCMCIA connection to zoomed video port
Keyboard	85 keys (U.S.), full size 19mm pitch; 2.7mm travel; provides same functions as standard Windows 95 AT keyboard; US, UK English, German, French, and Japan available
Mouse/Pointer	EZ Pad integrated pointer; PS/2-type connector for external mouse
External ports	IRDA-1 IR port, serial port (16550A-compatible), parallel (bi-directional, EPP, ECP), video, PS/2 keyboard/mouse, docking station connector, PCMCIA Type III or two Type I or II card socket, line in, speaker out, and microphone
Battery pack	Li-Ion 35W, 14.4V; Batteries can be "warm-swapped" in the battery bay without rebooting. Recharges in system. Conforms to APM 1.2 standard
Second battery	A second battery can be installed and charged in the modular drive bay
Battery life	Approximately 2.5 hours with one battery and APM enabled
Battery charge time	1.5 hours with the system off; 3.0 hours with the system operating; times double if two batteries are installed

AC adapter	19VDC, 45W output; auto voltage adjustment between 100 and 240V
Modular drive bay	Internal 1.44MB 3.5″ floppy drive, 5″ CD-ROM drive, or battery pack
Hard disk drive	Removable; accepts 2.5″, 12.5mm hard disk drive; 540MB, 810MB and 1.3GB
Hard disk controller	Enhanced IDE, on PCI bus
Floppy disk drive	Removable; 1.44MB 3.5″ floppy drive; "hot-swappable" with optional second battery pack; optional adapter allows external connection
CD-ROM drive	Removable; 6X XA mode 2 compatible
Audio chipset	ESS 1888 stereo sound
Speakers	Speakers built-in to palm rest
Microphone	Omnidirectional microphone under LCD panel on right
Mini-docking station	Two serial, one parallel, VGA output, DC-in, line out, PS/2 keyboard, PS/2 mouse, MIDI/game port, one PCMCIA Type III or two Type II; "hot-dockable"
Accessories	AC adapter; IR (infrared) module; lithium battery; mini-docking station; hard drives; memory modules; external floppy disk drive adapter; leather carrying case, nylon carrying case; external speakers; modem; ethernet cards
Dimensions	(W × D × H) 11.3″ × 8.97″ × 1.93″ (288mm × 228mm × 49mm)
Weight	System weight: 6.9 lbs with battery and CD-ROM drive Traveling weight: 7.7 lbs with battery, CD-ROM drive and AC adapter
Operating temperature	5 to 35°C
Storage temperature	−20 to 60°C
Operating humidity	20 to 80%; noncondensing relative humidity
Storage humidity	8 to 90%; noncondensing relative humidity
Operating altitude	8000 feet; nonpressurized (Does **not** refer to pressurized commercial aircraft)
Storage altitude	40,000 feet; nonpressurized
Certification	FCC Class B, UL1950, TUV/EN60950, CSA 22.2

If you don't read anything else . . . Read this!

Your Gateway Solo™ 2100 Multimedia Notebook provides all the power and multimedia capabilities of a full-size desktop system, yet allows you the convenience of a lightweight portable notebook.

The Gateway Solo 2100 contains the following special features:

System Modularity — The system has a modular option bay that accepts either a floppy disk drive module, a CD-ROM module or an additional battery pack.

Note: Be sure to remove any cardboard inserts that may have shipped with your CD-ROM module or floppy disk drive module.

The floppy disk drive module has an optional external adapter so you can use the floppy disk drive module and CD-ROM at the same time, or use the floppy disk drive module with an additional battery pack.

Install additional memory modules with ease.

Swapped out the hard drive with another hard disk drive.

Use the optional mini-docking station to save time by plugging in peripherals and leaving them plugged in. The mini-docking station easily connects to the rear of the system, enabling all attached peripherals.

Dual Battery Operation — To operate with two batteries at the same time, install one battery pack in the battery bay and an optional second battery pack in the modular option bay. This option is ideal when you travel, providing additional hours of uninterrupted use. Plug in the AC adapter, and charge both battery packs at the same time.

Backup Password Protection — Selecting this option from the Security menu in the Setup menus will allow you to access your system if you have forgotten your password. Place and store the supervisor password on a diskette in a hidden file.

Popup Status Display — Through a set of hot key options you can monitor battery status, temporarily change the power management level, view AC adapter connection, view mute function enabled/disabled, change volume settings, change brightness levels or change contrast levels (DSTN models only).

Zoomed Video — The video information for most PC cards goes through the CPU or system bus, taking up additional processing time. Zoomed video routes the video information directly to the video card, freeing up the processor for other tasks.

1
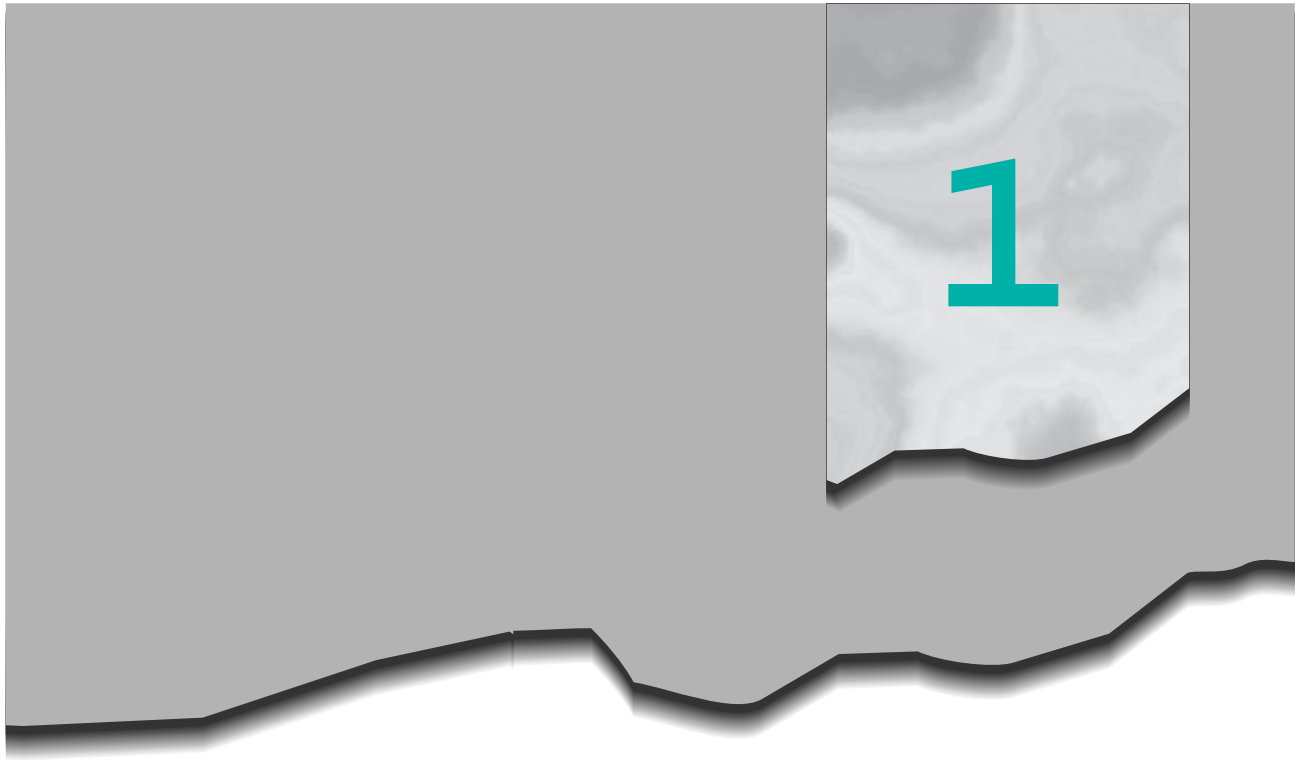
System Overview

Outside the System

Take a quick tour of the system to familiarize yourself with the options available.

Cover latch

Battery bay

Modular option bay:
Floppy disk drive module installed.

Figure 1. *Front View*

Rubber foot

Retaining pin guide hole:
For optional mini-docking station.

Retaining pin guide hole:
For optional mini-docking station.

Rubber foot

Modular option bay release latch

Battery bay release latch

Expansion memory access panel

Hard drive access cover

Figure 2. *Bottom View*

AC Connector:
Connect the AC
adapter here.

Serial Port:
Connect any serial
device here.

Floppy/Parallel Port:
Connect an external floppy
disk drive or other parallel
device here.

120-Pin Docking Station Port:
Connect the optional mini-docking
station here.

VGA Port:
Connect any standard
monitor here.

Figure 3. *Rear View*

IR port:
Place the transmitter/receiver within
two feet so it can "see" the port.

Kensington lock slot

Mic:
Connect an external
microphone here (disables
internal microphone).

Line in:
Connect
external audio
source here.

Headphones:
Connect headphones or
external speakers here
(disables built-in speakers).

PS/2 port:
Connect an
external mouse or
keyboard here.

Figure 4. *Right Side View*

PCMCIA eject buttons

PCMCIA slots:
Accepts two Type I
or Type II cards or
one Type III card.

Hard drive access

Figure 5. *Left Side View*

Inside the System

LCD color display: 11.3-inch DSTN, 11.3-inch TFT, or 12.1-inch TFT

System LEDs

Built-in microphone: Can record meetings, etc.

Power button

Stereo speakers

Full-sized keyboard: Windows 95 keys and special function keys.

Stereo speakers

Modular option bay: CD-ROM module installed.

Battery bay

EZ Pad™ pointing device: Controls the cursor like a mouse.
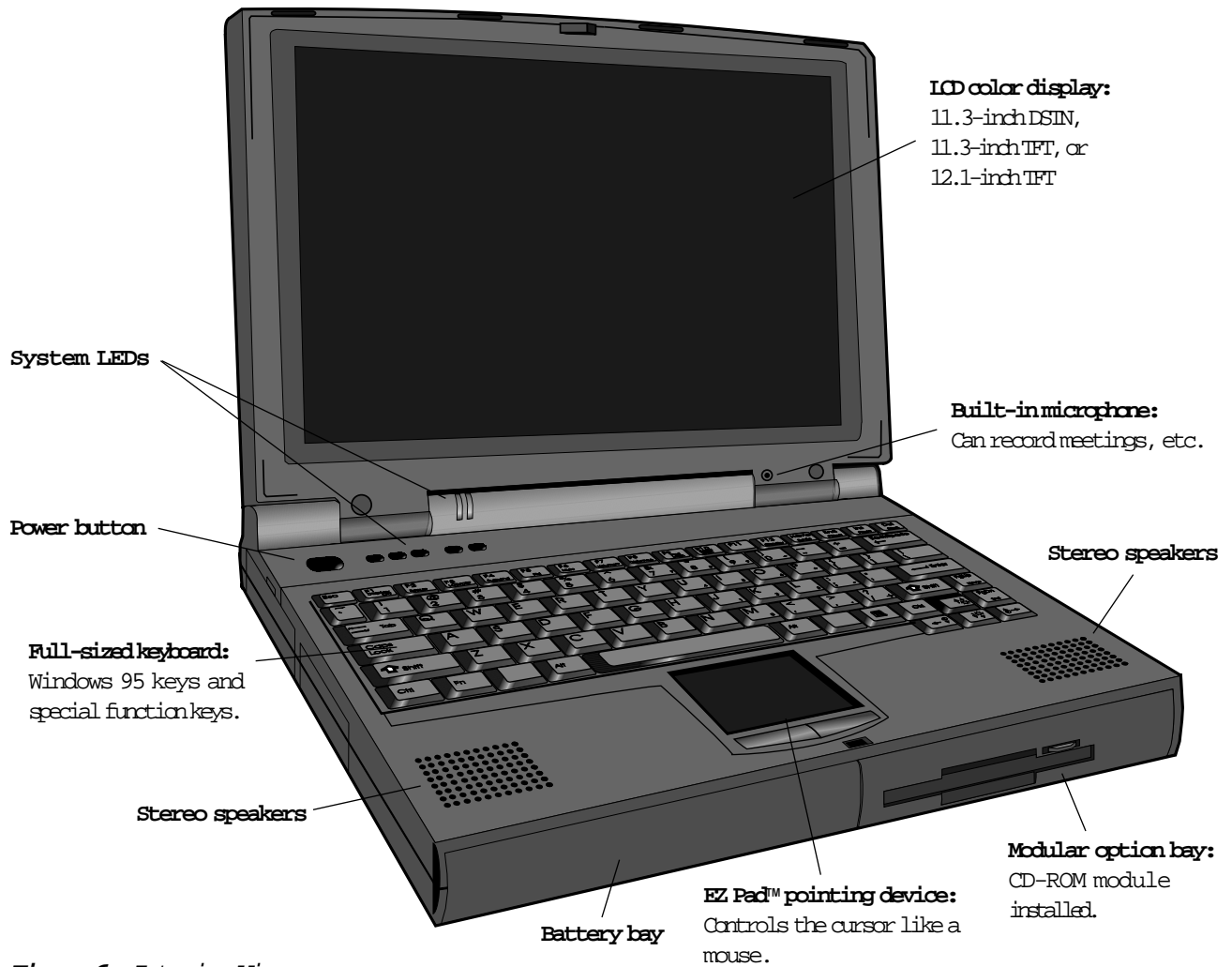
Figure 6. *Interior View*

Power LED

Battery charging power LED

Caps Lock LED

Pad Lock LED

Scroll Lock LED

Floppy disk drive LED

Hard disk drive LED

Figure 7. *System LEDs*

2

Getting Started

Connecting AC Power

The first time you use the Gateway Solo™ 2100 Multimedia Notebook, use the AC adapter to fully charge the battery and provide the system with a constant supply of power.

Caution: Replace the power cord if it becomes damaged. The replacement cord must be of the same type and voltage rating as the original cord.

To connect the AC power adapter to the system:

1. Plug the AC adapter into the system's AC connector.
2. Connect the power cord to the AC adapter.
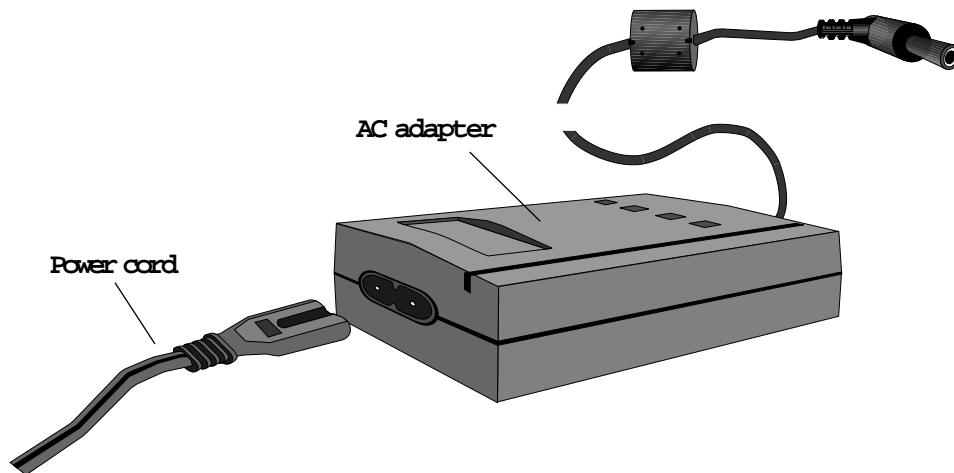3. Plug the power cord into an electrical outlet.

AC adapter

Power cord

Figure 8. *AC Power Connection*

Warning: Do not attempt to disassemble the AC adapter. The AC adapter has no user-replaceable or user-serviceable parts inside. The AC adapter has dangerous voltages that can cause serious personal injury or death. Return defective AC adapters to Gateway 2000.

Powering up the System

Slide the latch on the front face of the system to the right to release the cover, and open up the system. The power button is located in the upper left corner on the notebook surface.

The power button on your system is preset in On/Off mode. However, you can set it to function either in On/Off or Suspend/Resume mode. This setting affects the manner in which your system operates.
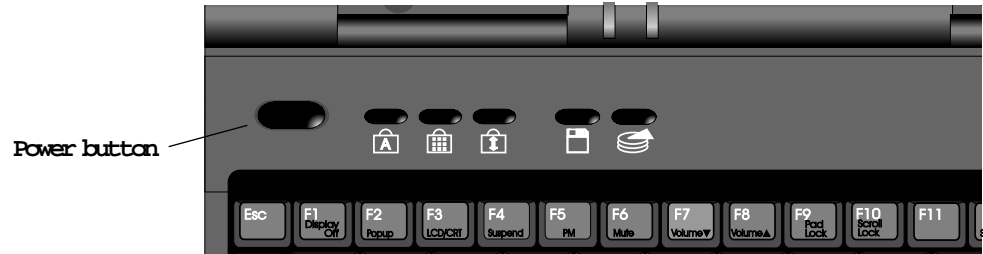

Figure 9. *Locating the Power Button*

Power button setting

When the power button setting in the **Power** menu is **On/Off** and:

u the system is off, press the power button to turn *On* the computer.

u the system is on, press the power button to turn the computer *completely Off*.

Remember, turning the system completely off when the power button is set for On/Off mode causes every part of the computer to power down. *Any unsaved work will be lost!* Pressing the power button will *reboot* the system.

When the power button setting in the **Power** menu is **Suspend/Resume** and:

u the system is off (in Suspend mode), press the power button to *Resume power* to the computer.

u the system is on, press the power button to cause the computer to enter *Suspend mode*.

u Press and hold the power button for two seconds to turn the system *completely Off*.

Remember, when the system is on and set for Suspend/Resume mode, pressing the power button does not completely turn off the computer and *the system does not reboot*. You must press and hold the power button for two seconds to completely power down the system.

To check/change the power button setting:

1. Turn the system on.

2. Press the **F2** key when you see the message Press <F2> to access SETUP in the lower left corner of the display, before Windows 95 loads, to access the Setup menus. The system beeps, then the Main menu appears.

3. Using the **Right Arrow** key, move to the Power menu.

4. The first available option is Power button mode:. If the setting displayed is the one you want, go to Step 6.

5. Press the **Spacebar** to change the setting.

6. Press the **ESC** key to access the Exit menu.

7. Press **Enter** to Save changes & exit, then press **Enter** again, or use the **Down Arrow** key to select any other option.

LCD Display

The Gateway Solo™ 2100 Multimedia Notebook features a built-in, backlit, color LCD display. This display is either an 11.3-inch DSTN, 11.3-inch TFT, or 12.1-inch TFT display. Each of these SVGA displays provides sharp, crisp resolution and crystal clear color.
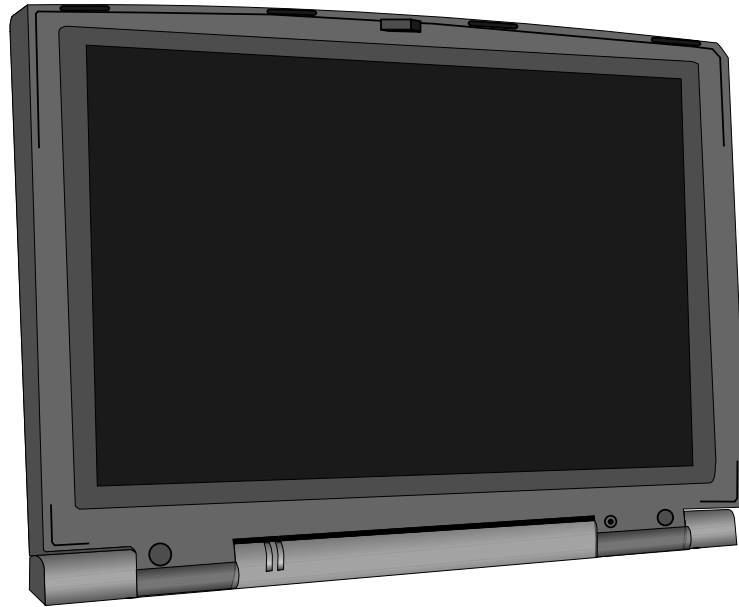

Figure 10. *LCD Display*

à See page 19.

Tilt the system's entire cover forward or backward to adjust the viewing angle. Press the **Fn** key together with the **Left Arrow** and **Right Arrow** keys to control display contrast (DSTN display only), or press the **Fn** key together with the **Up Arrow** and **Down Arrow** keys to control display brightness.

Pressing the **Fn** key together with the **F1** (**Display Off**) key will toggle off the display and save power. Press any key to reactivate the display.

A few small dots of color may occasionally appear on the screen. This is normal and does not affect the overall screen image.

Connect an external monitor to the computer through the VGA port on the rear of the system, or the VGA port on the optional mini-docking station. Press the **Fn** key with the **F3** (**LCD/CRT**) key to toggle between active displays.

à See page 60.

Note: This system ships with the Auto dim with battery only feature enabled. Auto dim cuts LCD power 50% when the system is operating on battery power.

Keyboard

The Gateway Solo 2100 Multimedia Notebook features an 85-key keyboard. To provide the full functionality of a 101/102-key keyboard, many of these keys have been assigned alternate functions, including shortcut keys for Windows® 95 and Popup Status Display menus. Connect an external keyboard through the PS/2 port on the rear of the system, or the PS/2 (keyboard) port on the optional mini-docking station.
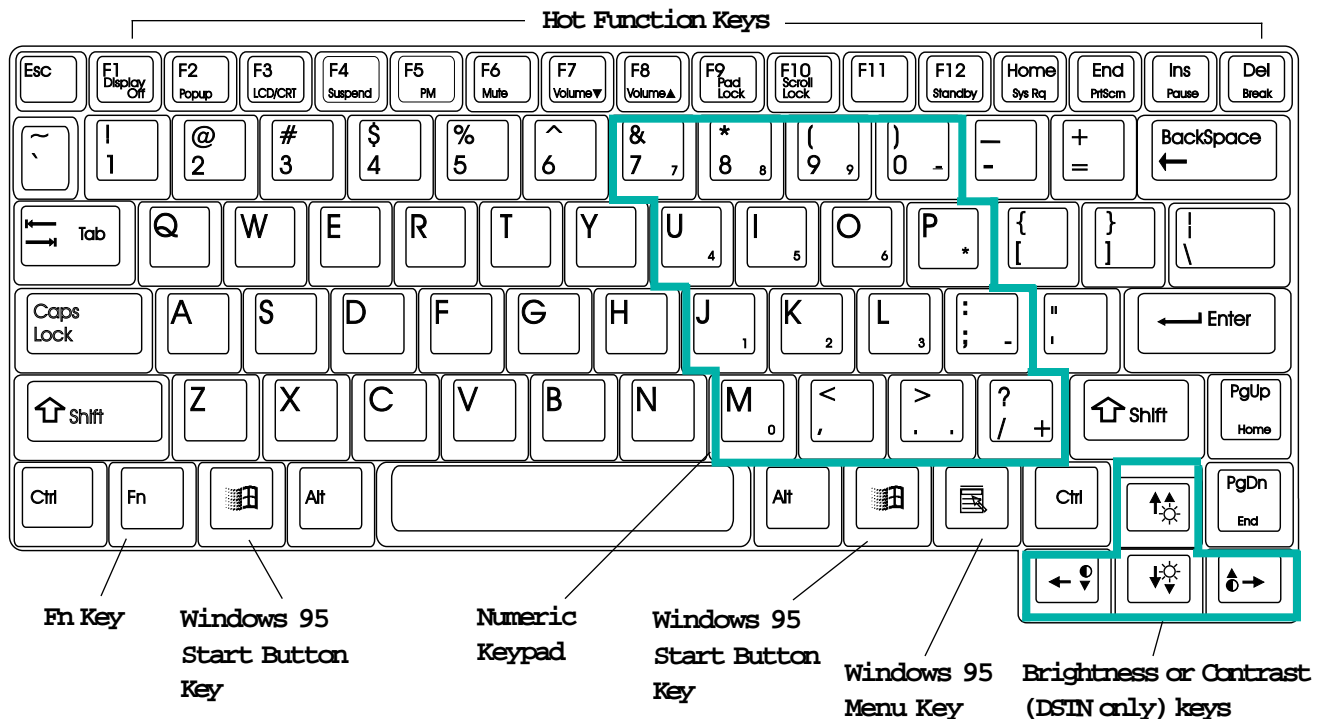

Figure 11. *Keyboard*

Key combinations/hot keys

For normal key functions:

u Press the key alone to get standard lowercase letters, numerals and punctuation marks.

u Press the key together with the **Shift** key to get standard uppercase letters and symbols.

Press one of the following keys (with blue letters) together with the **Fn** key to get these specific functions.

	Key Combination	Description
à See page 17.	Fn + F1 Display Off	Turns the LCD display off to reserve power. Press any key to restore the display.
à See page 62.	Fn + F2 Popup	Displays the power status display for the Popup Status Display program in the upper left corner of the Windows 95 desktop. After four seconds, the display disappears.
à See page 17.	Fn + F3 LCD/CRT	Toggles between the LCD display, external CRT display, or both displays at the same time as the active display.
à See page 50.	Fn + F4 Suspend	Places the system in Suspend mode. Press the power button to resume power to the notebook.
	Fn + F5 PM	Makes temporary changes to the power management mode setting and displays the power status display for the Popup Status Display program reflecting the changes. After four seconds, the display disappears.
	Fn + F6 Mute	Enables and disables the mute function and displays the power status display for the Popup Status Display program reflecting the changes. After four seconds, the display disappears.
	Fn + F7 Volume▼	Decreases the system volume level and displays the volume meter for the Popup Status Display reflecting the changes. After four seconds, the display disappears.
	Fn + F8 Volume▲	Increases the system volume level and displays the volume meter for the Popup Status Display reflecting the changes. After four seconds, the display disappears.
à See page 21.	Fn + F9 Pad Lock	Enables the Pad Lock function, so you can access the embedded numeric keypad. The Pad Lock LED stays lit while this function is enabled. Press the key combination again to disable.
	Fn + F10 Scroll Lock	In some programs you can scroll through large volumes of text. The Scroll Lock LED stays lit as long as this function is enabled.
	Fn + F11	Toggles between expanded and non-expanded video mode. Some DOS games need a 640 x 480 video display (TFT only).
	Fn + F12 Standby	Places the system briefly into Standby mode. Press any key to resume power to the system.
	Fn + Home Sys Rq	System Requirement. This key combination is reserved.
	Fn + End PrtScm	Will print the screen if an external printer is connected to the system.
	Fn + Ins Pause	Pauses the display when text is scrolling very quickly. Press the key combination again to restart the text flow.
	Fn + Del Break	In some programs this key combination breaks the text. Press the key combination again to restart the text flow.
	Fn + PgUp Home	In some programs this key combination will send you to the starting point of your text.

Key Combination	Description
Fn + **PgDn End**	In some programs this key combination sends you to the ending point of your text.
Fn + **brightness up**	Increases LCD brightness and displays the brightness meter for the Popup Status Display reflecting the changes. After four seconds, the icon disappears.
Fn + **brightness down**	Decreases LCD brightness and displays the brightness meter for the Popup Status Display reflecting the changes. After four seconds, the icon disappears.
Fn + **contrast up**	Increases LCD contrast (DSTN only) and displays the contrast meter for the Popup Status Display reflecting the changes. After four seconds, the icon disappears.
Fn + **contrast down**	Decreases LCD contrast (DSTN only) and displays the contrast meter for the Popup Status Display reflecting the changes. After four seconds, the icon disappears.

Table 1. *Function Keys/Hot Keys*

Press the **Fn** and **Pad Lock** keys together, then press one of the following keys to activate keys in the numeric keypad.

Key Combination	Description
[7/&]	Pressing the 7 key produces a **7** when the Pad Lock function is enabled.
[8/*]	Pressing the 8 key produces an **8** when the Pad Lock function is enabled.
[9/(]	Pressing the 9 key produces a **9** when the Pad Lock function is enabled.
	Pressing the zero key produces a **/** when the Pad Lock function is enabled.
[U]	Pressing the U key produces a **4** when the Pad Lock function is enabled.
[I]	Pressing the I key produces a **5** when the Pad Lock function is enabled.
[O]	Pressing the O key produces a **6** when the Pad Lock function is enabled.
[P]	Pressing the P key produces an ***** when the Pad Lock function is enabled.
[J]	Pressing the J key produces a **1** when the Pad Lock function is enabled.
[K]	Pressing the K key produces a **2** when the Pad Lock function is enabled.
[L]	Pressing the L key produces a **3** when the Pad Lock function is enabled.
[;/:]	Pressing the ; key produces a **–** when the Pad Lock function is enabled.
[M]	Pressing the M key produces a **0** when the Pad Lock function is enabled.
[./>]	Pressing the . key produces a **.** when the Pad Lock function is enabled.
[//?]	Pressing the / key produces a **+** when the Pad Lock function is enabled.

Table 2. *Numeric Keypad Combinations*

EZ Pad Pointing Device

Like a mouse, the EZ Pad pointing device controls the movements of the cursor on the screen. Press a finger against the pad, then slide it in the direction you want the cursor to move. Use the mouse buttons or tap on the pad to select something.

Pad:
Slide finger across pad to control cursor movement. Tap on the pad to emulate the mouse button.

Left mouse button
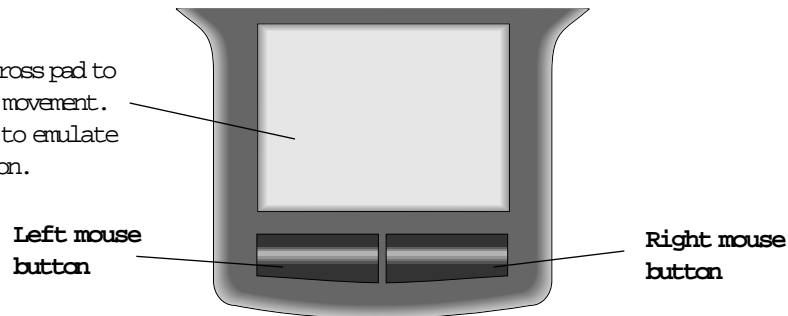
Right mouse button

Figure 12. *EZ Pad*

There are two ways to click:

u   Position the cursor on the item and press the left mouse button once.

u   Position the cursor on the item and tap on the pad once.

There are two ways to double-click:

u   Position the cursor on the item and press the left mouse button twice.

u   Position the cursor on the item and tap on the pad twice.

There are two ways to drag and drop:

u   Position the cursor on the item and hold down the left mouse button while sliding your finger to reposition the cursor, then release the mouse button.

u   Position the cursor on the item, tap on the pad twice; after the second tap, hold and slide (*without lifting your finger*) to reposition the cursor, then lift your finger to release.

Customizing the EZ Pad

You can adjust mouse button configuration, drag, edge motion, cursor's speed, rate, size and disable the pad tap.

To customize the EZ Pad:

1. Clicking on Start, Settings, and Control Panel.

2. Double-click on the Mouse icon.

3. Click on each of the different tabs to see the options available.

Experiment with the different options and find the ones most comfortable for you. Refer to your Windows 95 documentation for further information.

Note: The mouse may become erratic and hard to control if your fingers have excess moisture or perspiration.

You can attach an external mouse to the notebook through the PS/2 port on the back of the notebook or the PS/2 (mouse) port on the optional mini-docking station. It is not necessary to power down the system when connecting an external mouse.

Windows 95

Once you initiate Windows 95, the first thing that appears on the display is the *Welcome to Windows 95* screen. This screen provides a Windows tour, information about what's new, the opportunity to register your software on-line, information about Windows products and useful tips.
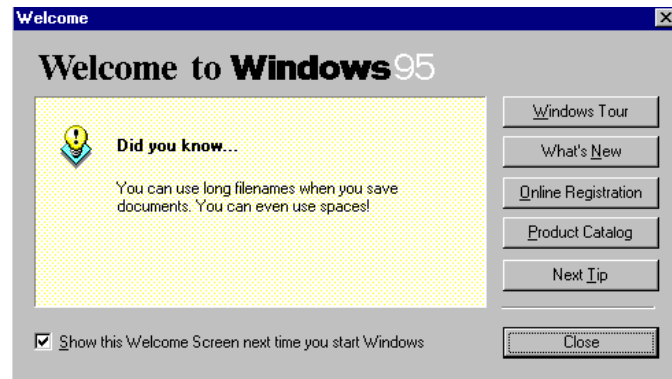
Figure 13. *Welcome to Windows 95 Screen*

Click the Windows Tour button to start a brief tour of the operating system. This tour provides information on starting a program, exploring your disk, finding a file, switching windows and using Help. Click on the button next to the topic that you are interested in, then follow the screen prompts. If you have any questions about the instructions, click on the Show Me button. Click the Exit button and follow any screen prompts when you are finished.

Click on What's New for information more experienced users might find useful. This screen gives an overview of changes between earlier versions of Windows and Windows 95. Click on the box next to the topic you are interested in. Click on the X in the upper right corner of the window to close the screen.

Click on the Online Registration button to register your software using a toll-free number. You will need a modem to access this option.

Click on Product Catalog to see what other Windows options are available for purchase. You must load the Windows 95 CD-ROM in the CD-ROM module to access this option.

Clicking Next Tip provides operational tips, which are displayed in the Did you know... section of the *Welcome to Windows 95* screen.

Click on either the Close button, or the X in the upper right corner of the Welcome screen to close it and start using Windows 95.

Start button

The start button is located in the bottom left corner of the Windows 95 desktop and accesses the Start menu. Most programs and applications are launched via the Start menu. To access the menu, click on the Start button or press one of the ▤ keys.

Figure 14. *Windows 95 Start Button*

Task bar

The task bar is located along the bottom of the Windows 95 desktop. The task bar contains the start button in the left corner and displays all active/running programs. If a program has been minimized, click on the program name in the task bar to restore it.

Figure 15. *Windows 95 Task Bar*

Windows 95 manual

If you have additional questions regarding Windows 95, check the Windows 95 manual you received with your notebook. Please use this manual as a reference for all Windows 95 questions.

On-line documentation

Some of the software packages that came with your notebook contain on-line documentation. Check the Help option which is featured in each software package.

Ordering manuals

If you prefer paper manuals, you can purchase them at an additional cost through the Document Offer Program. Order forms are included in the information pack that came with your system software CDs.

3

Modularity/Connectivity

Batteries

à See page 10.   When you first receive your system, the battery is installed in the battery bay, but will not have a full charge. The battery bay is located in the right front panel of the system. We recommend that you completely **charge**, then **discharge** the battery **twice.** This optimizes the battery's life and performance.

Figure 16.   *Battery Pack (bottom view)*

Charging/discharging the battery pack

à See page 31.   The battery must be installed in the notebook and connected to an AC power source to charge completely. The battery will charge if the system is operating, as long as the AC adapter is properly connected. For twice the battery life, you can install an optional second battery pack in the modular option bay. The notebook can run on a fully charged battery for about two and a half hours of normal use before the battery needs recharging.

System Status	One Pack Charge Time	Two Packs Charge Time
Idle	1.5 hours	3 hours
Operating	3 hours	6 hours

Table 3.   *Battery Charging Chart*

à See page 59.   **Note:** Your battery performance may vary, depending on power management settings and usage.

When the battery level gets low:

u   The system emits three beeps

  u   The battery charging power LED flashes

  u   The battery icon in the lower right of the task bar has a red "X" over it

```
WARNING!
LOW
BATTERY
```

u   The power status display appears, flashing a warning in the upper left corner of the display

u   The Low Battery screen appears, advising you to change your battery or switch to AC power immediately to prevent losing your work.

Once the battery pack is fully discharged, reconnect the AC adapter to the notebook to recharge the battery.

Battery status

You can check battery status several ways.

u   Click on Start, Settings, and Control Panel. Double click on the Power icon. You can view the battery status and set power preferences from this screen, which stay in effect until they are changed in Windows. Click on the X in the upper right corner of the screen to close it.

```
BAT1 85%
BAT2 00%
PM    OFF
USER DEF
AC     ON
    MUTE
```

u   Press the **Fn** key together with the **F2** (**Popup**) key, or the **F5** (**PM**) key. The power status display appears in the upper left corner of the display. This display monitors battery status, power management selection, and mute function status. BAT1 monitors the status of the battery pack in the battery bay. BAT2 monitors the status of the optional second battery pack, which can be installed in the modular option bay. After four seconds of inactivity, the display will disappear.

  u   Position the cursor over the power cord (AC) or battery icon in the lower right corner of the task bar. A battery status screen will appear. Moving the cursor anywhere on the display causes the screen to disappear.

u   Click twice on the power cord or battery icon in the lower right corner of the task bar. A more detailed battery status screen will appear. Click on the X in the upper right corner of the screen to close it.

Removing the battery pack

While the battery pack may not be charged by itself, battery packs **can** be "warm-swapped" in the battery bay. This means you can change battery packs while in Suspend mode without totally rebooting the system.

To remove/replace the battery pack:

1. Save all work.

2. Press the **Fn** key together with the **F4** (**Suspend**) key to put the system into suspend mode, or press and hold the power button for two seconds if the power button is configured for Suspend/Resume mode.

3. Close the cover and turn the system over.

4. Slide the battery release latch to the left.

5. Hold the latch in place and place your fingers over the raised bar on the battery pack next to the latch.

6. Slide the battery pack straight out and away from the system.

7. Slide a charged battery pack (bottom side up) straight into the battery bay until it "snaps" into place.

8. Turn the notebook right side up and open the cover.

9. Press the power button to resume power to the system.

**Battery
release latch**
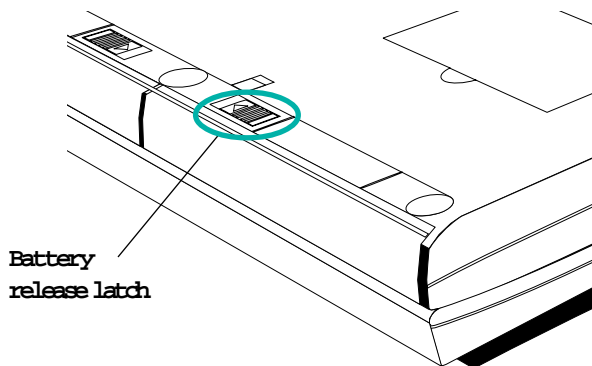
Figure 17. *Locating the Battery Release Latch*   **Figure 18.** *Removing the Battery Pack*
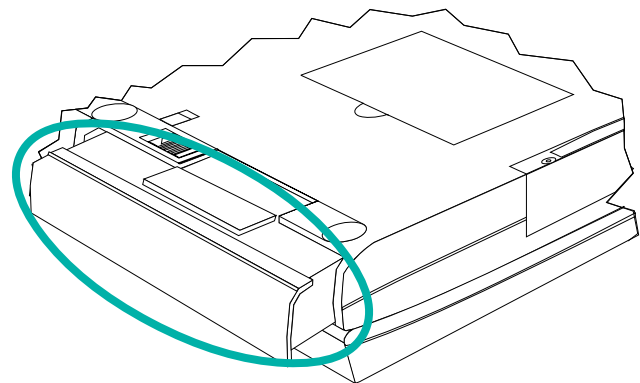
Warning: The battery can pose a fire or chemical burn hazard if mistreated. Do not attempt to disassemble, heat above 60°C (140°F), or incinerate.

Modular Option Bay

The Gateway Solo™ 2100 Multimedia Notebook features a modular option bay located in the right front panel of the notebook. This bay accepts the modular CD-ROM drive, the modular internal floppy disk drive, or an optional additional battery pack. The modular option bay houses either drive or the battery pack, but only one at a time.

Note: Be sure to remove any cardboard inserts that may have shipped with your CD-ROM module or floppy disk drive module.
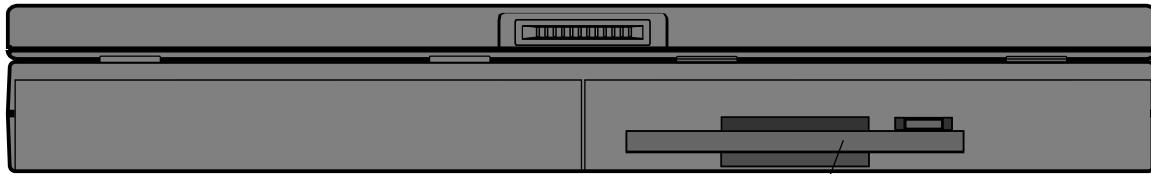
Modular option bay:
Floppy disk drive module installed.

Figure 19. *Locating the Modular Option Bay*

Note: Be sure to save and exit any applications before initiating any of the following procedures.

To use CD-ROM and floppy disk drive functions simultaneously, install the modular CD-ROM drive and connect an external floppy drive to the floppy/parallel port on the rear of the system or the optional docking station, or use the optional external floppy drive adapter for the floppy disk drive module.

Modular CD-ROM, floppy disk drive, and battery pack
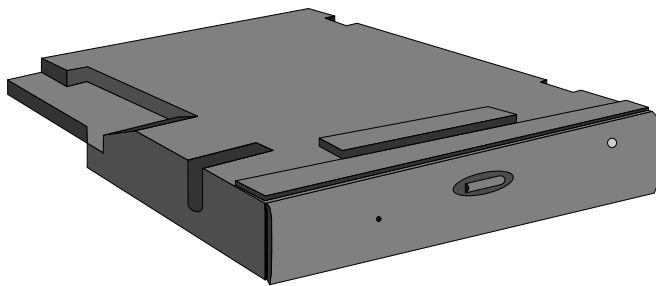
Figure 20. *CD-ROM (bottom view)*
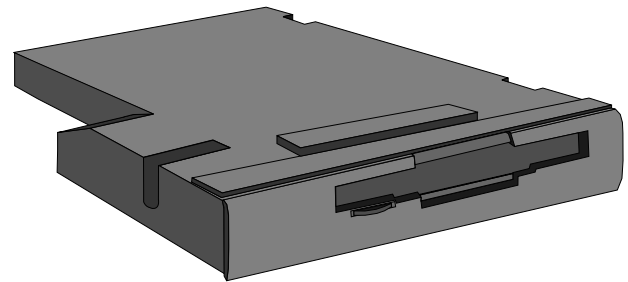
Figure 21. *Floppy Disk Drive (bottom view)*
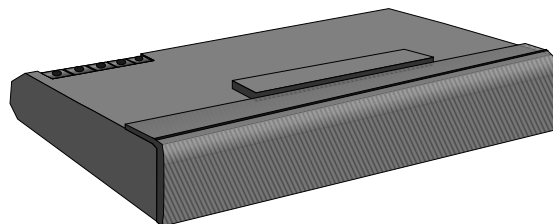
Figure 22. *Battery Pack (bottom view)*

Swapping modules

The floppy disk drive module and the battery pack are "hot-swappable" in the modular option bay. This means that you can change between battery packs or from battery pack to floppy disk drive and back again without having to reboot the system. *This does not, however, apply to the CD-ROM.* To ensure that the system can recognize and read it, the CD-ROM must already be installed when you boot up the system. If the system is on when you install or remove the CD-ROM, the operating system will not "recognize" or "find" it.

To switch between the CD-ROM module and another module:

1. Save all work.
2. Press the power button, or press and hold the power button for two seconds if you configured the power button for Suspend/Resume mode to turn the system completely off.
3. Close the cover and turn the system over.
4. Locate the modular bay access latch, and slide the latch to the right.
5. Hold the latch in place, then place your fingers over the raised bar next to the latch.
6. Pull the CD-ROM module straight out and away from the system.
7. Turn the floppy disk drive module or battery pack over. The system was turned over, so the module being installed must be turned over as well.
8. Push the module straight into the bay until the latch locks into place.
9. Restart the system.

Modular option bay release latch
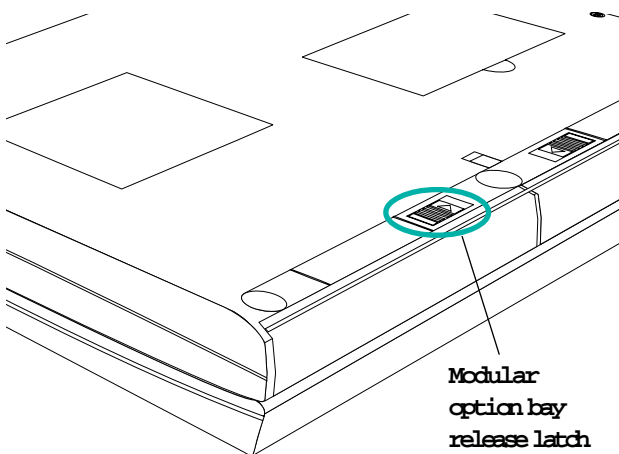
Figure 23. *Locating the Release Latch*
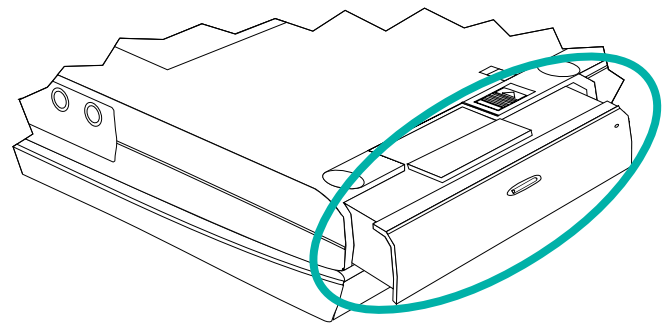
Figure 24. *Removing the Module*

External Floppy Drive Adapter

You can connect an optional external floppy disk drive to the floppy/parallel port on the back of the system. You can also connect the external drive to the floppy/parallel port on the optional mini-docking station. The connection requires the floppy drive cable that was provided with your *external* floppy disk drive, or the optional external floppy drive adapter for the modular floppy disk drive. It is not necessary to reboot the system for it to recognize the external floppy disk drive connection.

To connect the external floppy disk drive:

1. Connect the parallel connector of the floppy drive cable to the floppy/parallel port on the system, or the floppy/parallel port on the optional mini-docking station.

2. Connect the floppy drive cable's other connector to the connector on the external floppy drive.

Note: If the internal floppy disk drive module is already installed in the modular optional bay, the external floppy disk drive will not be recognized.

To connect the optional external floppy drive adapter and floppy disk drive module:

1. Attach the parallel connector of the external floppy drive adapter to the floppy/parallel port on the system, or the floppy/parallel port on the optional mini-docking station.

2. Slide the floppy disk drive module straight into the external floppy drive adapter until the latch locks into place.
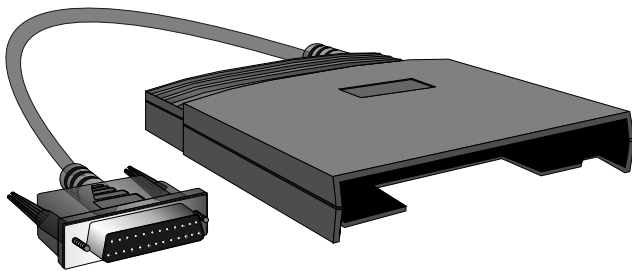
Figure 25. *External Floppy Drive Adapter*
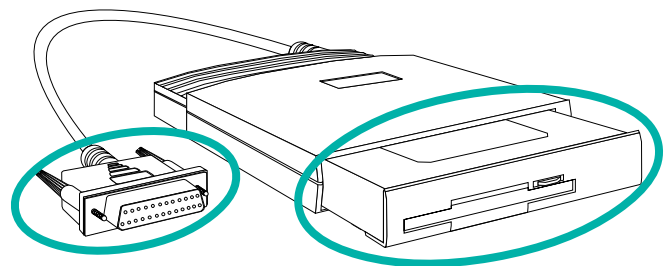
Figure 26. *Inserting the Floppy Drive Module*

Note: Remember, you do not need to reboot the system for it to recognize the external floppy disk drive connection.

Hard Disk Drive

You can remove the system's hard disk drive (HDD) from the system for replacement, or to switch between optional additional hard drives.

Figure 27. *Hard Disk Drive (bottom view)*

To remove and replace the hard disk drive:

1. Save all work.
2. Press the power button, or press and hold the power button for two seconds if you configured the power button for Suspend/Resume mode to turn the system completely off.
3. Close the lid.
4. Disconnect the AC power and turn the system over.

à See page 30.   5. Remove the battery pack.

6. Locate the hard disk drive (HDD).
7. Remove the three screws holding the drive in place and set them aside.
8. Gently slide the hard drive away from the system.
9. Slide the new hard drive all the way into the system.

Caution: Do *not* force the hard drive.

10. Replace the three screws and gently tighten the drive into place.
11. Reinstall the battery pack and AC connections.

Figure 28. *Locating the Hard Disk Drive*   ***Figure 29.*** *Removing the Hard Disk Drive*
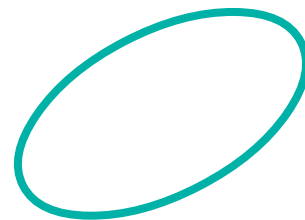
Memory

The system ships with at least 8MB of RAM on board. The RAM capacity can be upgraded to 40MB by installing optional memory modules in the two expandable memory sockets, located on the underside of the system. These sockets accept 8MB or 16MB modules.
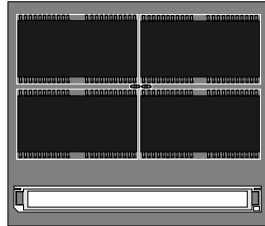
Figure 30. *Memory Module*

To install a memory module:

1. Save all work.
2. Press the power button, or press and hold the power button for two seconds if you configured the power button for Suspend/Resume mode to turn the system completely off.
3. Close the lid.
4. Follow electrostatic discharge precautions when adding memory.

Preventing Electrostatic Discharge (ESD) Damage

The components inside your system are extremely sensitive to electrostatic discharge, better known as static electricity. Static electricity can cause irreparable damage to your system; however, if you follow the Sequential Procedure for grounding yourself and take note of the Handling Precautions, you should easily be able to avoid the possibility of such damage occurring.

Sequential Procedure
1. **Wear** a grounding wrist strap if one is available (available at most electronic stores).
2. **Turn** off the system power.
3. **Remove** the battery pack.
4. **Remove** all the cables.

Handling Precautions
o Never slide memory modules or other parts over any surface. Avoid static-causing surfaces such as plastic and styrofoam in your work area.
o Remove the part from its antistatic bag only when you are ready to use it. Do not lay the part on the outside of the antistatic bag, as only the inside of the bag provides antistatic protection.
o Always hold cards by their edges and their metal mounting bracket. Avoid touching components on the cards and the edge connectors that connect to expansion slots.

---

5. Disconnect the AC power.

6. Turn the system over and remove the battery pack.

7. Locate the memory module access panel.

8. Remove the screw and set it aside.

9. Use your thumb to press against the edge of the expansion memory access panel and lift it away.

10. Gently insert the memory module into one of the sockets.

Caution: Do *not* force the memory module.

11. Replace the memory access panel and the screw.

12. Reinstall the battery and reconnect the AC power.

13. Power up the system.
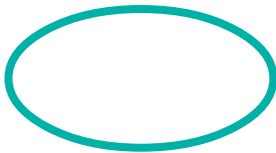
Figure 31. *Locating the Memory Module Access*   ***Figure 32.*** *Locating the Memory Module Socket*
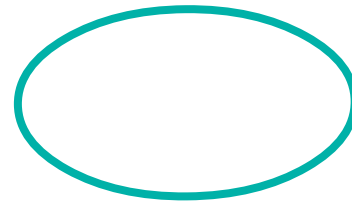
Figure 33. *Inserting a Memory Module*

If you choose, you can verify the additional memory through the Main menu.

PCMCIA Cards

The system's PC card slots are located behind the PC card door on the left side of the system. These slots accept two Type II PC cards or one Type III card. Since these are recessed slots, you can shut the door even when a PC card is installed. The system is preconfigured to automatically accept most PC cards. However, some PC cards, such as Zoomed Video cards, may require additional drivers. Refer to the PC card's documentation.

Figure 34. *PC Card*

To install a PC card:

1. Flip open the PC card door on the left side of the system.
2. Select a PC card to install.

3. Locate the PC card slot in which you wish to install the card. If you are installing a Type III PC card or Zoomed Video card, it must be inserted into the bottom slot.

4. Slide the card into the chosen slot and operate the device as recommended in the PC card's manual.
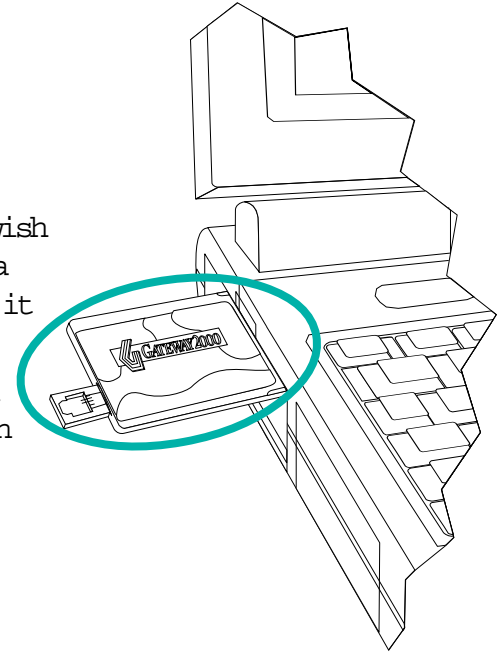
Figure 35. *Installing a PC Card*

To remove a PC card:

1. Click on the PC card icon in the right corner of the task bar. A control screen appears.

2. Click on the screen and another screen appears stating it is safe to remove the device. Click **OK**.

3. Press the appropriate eject button located to the left of the PC card slot and remove the card.

You do not need to reboot the system when changing **most** cards because it supports "hot-swapping." This means you can usually just exchange one card for another. See your PC card's documentation for further information.

Connections

The system uses a variety of hardware to connect to peripheral devices or to other computer systems. When the Gateway Solo™ 2100 Multimedia Note-book connects to another system, that system is called the "remote system."

IR port

The IRDA-1 IR (infrared) port and optional module uses infrared technology to send signals between the notebook and a remote system. The IR port is located on the right side of the system. It can send signals, as well as receive them. A variety of desktop computers, printers and other peripherals are IR-compatible. Placing the Gateway Solo 2100's IR port within three feet (one meter) of another unit's IR port along with transfer software, will allow you to send and receive information to that remote desktop computer, printer or other peripheral. The optional module (the receiver/transmitter) must be placed no farther away than three feet (one meter), with the module's IR port directly facing the Gateway Solo 2100's IR port. The other end connects to the remote system's serial port.
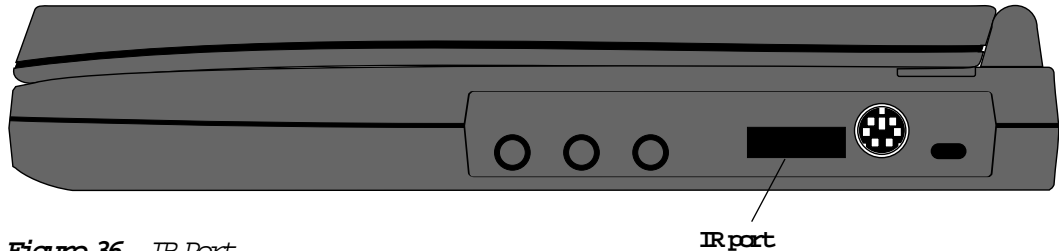
Figure 36. *IR Port*   **IR port**

Gateway 2000 Solo™ mini-docking station

The optional mini-docking station, or port replicator, duplicates many of the connectors and ports found on the system such as a line-out jack for audio, a MIDI/game port, PCMCIA slots, and an extra PS/2 port. Peripheral devices––such as an external keyboard, mouse, or joystick–connect to the mini-docking station, which then is connected to the system.

AC power connector

PS/2 (mouse) port

VGA port: Connect any standard monitor here.

PS/2 (keyboard) port

MIDI/Game port: Connect a musical device or joystick here.

Serial port: Connect any serial device here.

Floppy/Parallel port: Connect a floppy disk drive or any parallel device here.
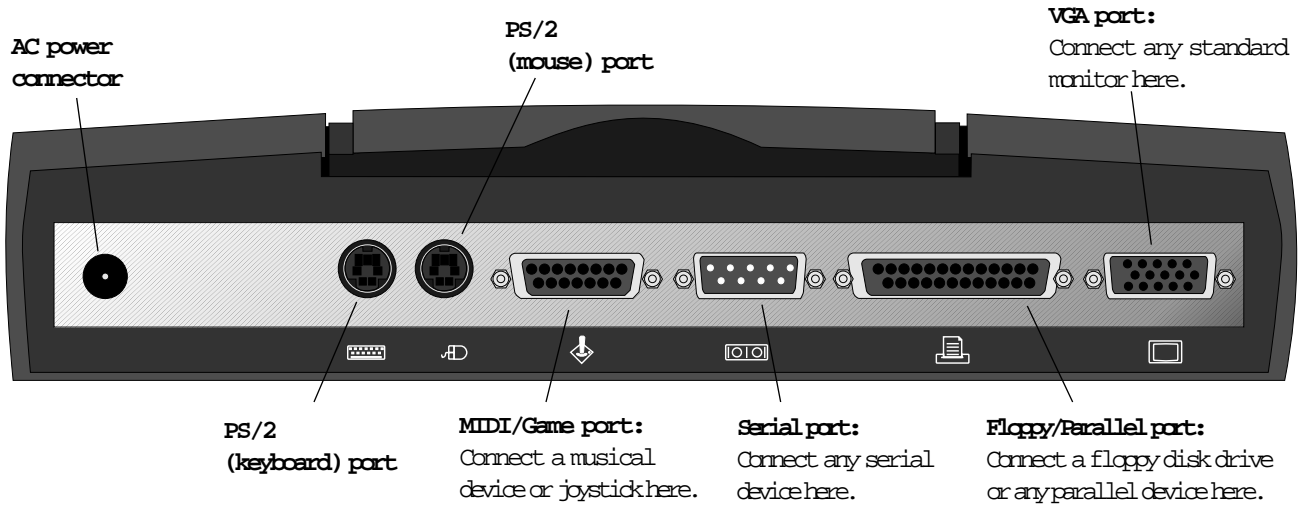
Figure 37. *Mini-Docking Station – Rear View*

PCMCIA slots: Two available

Mini-docking station retaining pins (2)

Eject buttons

Figure 38. *Mini-Docking Station – Right Side View*

IR port

Mini-docking station retaining pins (2)

Mic **Line in** **Headphones**
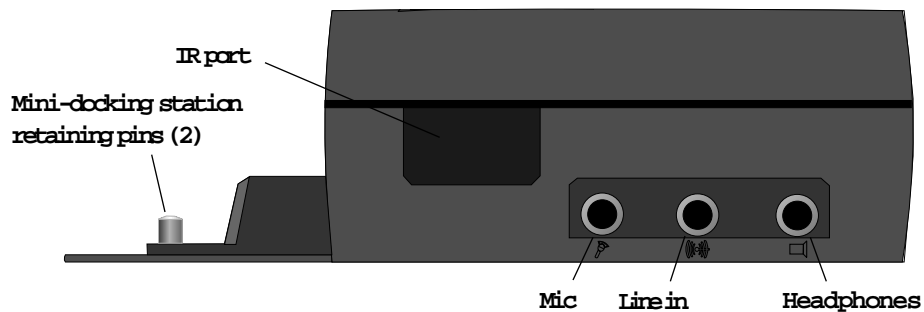
Figure 39. *Mini-Docking Station – Left Side View*

The system connects to (or disconnects from) the mini-docking station with a few short steps.

To connect the optional Gateway 2000 Solo™ mini-docking station:

1. Save all work.

2. Close the lid.

3. Open the longer of the two port doors at the rear of the system. The port door will slide into the system leaving a flush mounting area.

4. Open the handle on the mini-docking station.

à See page 10.

5. Place the front edge of the mini-docking station under the rear of the system. The two mini-docking station retaining pins will settle into the two retaining pin guide holes on the insides of the raised rubber feet.

6. Close the handle on the mini-docking station to secure the connection.

7. Connect peripherals to the ports on the mini-docking station.

8. Open the lid

Mini-docking station handle

Mini-docking station

Gateway Solo™ 2100 Multimedia Notebook

Mini-docking station

Gateway Solo™ 2100 Multimedia Notebook

Figure 40. Connecting the Mini-Docking Station

To disconnect the Gateway 2000 Solo™ mini-docking station:

1. Open the handle on the mini-docking station.

2. Lift the system up off the retaining pins.

3. Move the mini-docking station away from the system.

Note: Remember, you can leave the peripherals connected to the mini-docking station for future use.

4

Using the System

Built-in Microphone/Stereo Speakers

This system contains a built-in microphone and stereo speakers.

Built-in microphone

Stereo speakers

Stereo speakers
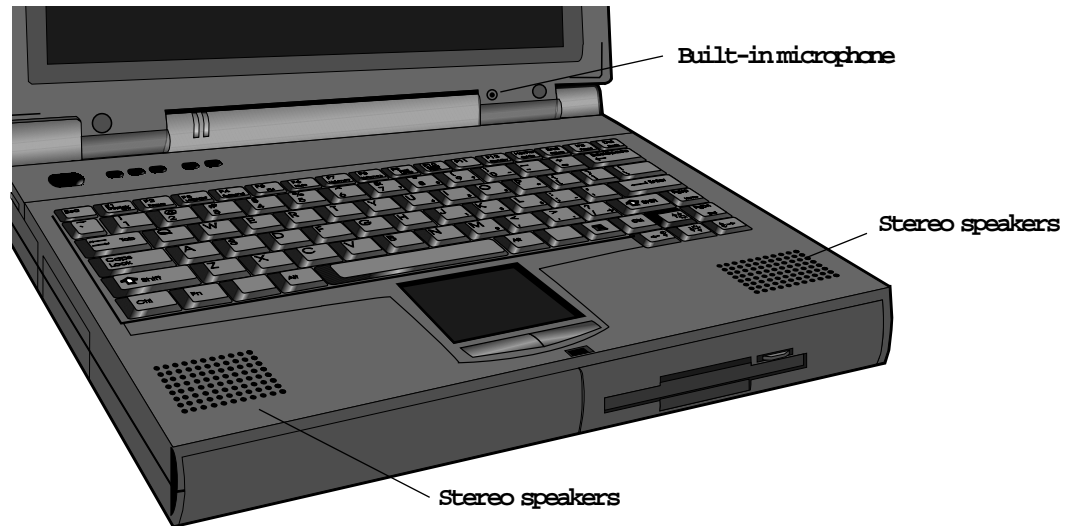
Figure 41. *Locating the Built-in Speakers and Microphone*

There are several ways to control the volume.

u Click on Start, Settings, and Control Panel. Double click on the Multimedia icon. You can change the volume from the Audio tab. Click on the X in the upper right corner of the screen to close it.

u Press the **Fn** key together with the **F7** (**Volume**t), or **F8** (**Volume**s) key. A volume meter will appear in the upper left corner of the display. Hold the **Fn** key while tapping the **F7** or **F8** key to increase or decrease the volume level by single increments. After four seconds of inactivity, the display will disappear.

u Click once on the speaker icon in the lower right corner of the task bar. A volume control screen will appear. Using the EZ Pad, slide the pointer up or down to change the volume setting. Click once anywhere on the Windows 95 desktop to close the screen.

u Click twice on the speaker icon in the lower right corner of the start bar. A more detailed volume control screen will appear, containing volume and balance controls for volume control, wave, CD audio and synthesizer settings. Using the EZ Pad, slide the pointers to the left or right to control balance, or up or down to change the volume setting. Click on the X in the upper right corner of the screen to close it.

Use the audio ports on the right side of the system, or the audio ports on the optional mini-docking station to add external speakers, headphones or a microphone.

Making an Audio Recording

Use the built-in microphone, or connect an external microphone using the Mic port on the right side of the system to make an audio recording.

Note: Remember, connecting an external microphone will disable the built-in microphone.

To make an audio recording:

1. Click on Start, Programs, Accessories, Multimedia, and Sound Recorder to access the Sound - Sound Recorder screen.
2. Click on Edit and Audio Properties to set/check record volume levels.
3. Click on File and New to begin a recording.
4. Slide the mouse pointer slowly over the control buttons along the bottom of the screen to display the function of each button.
5. Click on the l (**Record**) button to start recording.
6. Click on the n (**Stop**) button to end recording.
7. Click on File and Save As... to name and store the recording.

You can play back the recording in either Sound Recorder, or Media Player.

To play back the recording in Media Player:

1. Click on Start, Programs, Accessories, Multimedia, then Media Player to access the Media Player screen.
2. Click on File, then Open....
3. Select the file to play back and click the Open button.
4. Slide the mouse pointer slowly over the control buttons along the bottom of the screen to display the function of each button.
5. Click on the ι (**Play**) button to start the recording.
6. Click on the n (**Stop**) button to end recording.

Loading a Screen Saver

Screen savers perform a valuable function for your system. The system will go into Screen Saver mode after the user-established time has passed. A screen saver keeps a moving picture on the screen to prevent ghosting.

Different screen saver packages on the market reflect a variety of interests. If you are installing another screen saver, refer to the documentation that came with the package for specific installation instructions.

To load a Windows 95 resident screen saver:

1. Click on Start, Settings, and Control Panel.

2. Double-click on the Display icon to access the Display Properties screen.

3. Click on the Screen Saver tab to access the available resident screen saver programs.

4. Click on one of the screen saver options. An example of the screen appears on the simulated display.

5. Click on Settings to customize your selection.

6. Click on the s or t buttons to the right of the Wait: section of the Display Properties screen to set the time the system waits before going into Screen Saver mode.

7. Click Ok when you have made all of your selections.

8. Click on the X in the upper right corner of the Control Panel to close the screen.

Experiment with the different settings and choose the ones that work best for you.

Playing an Audio CD

The Gateway Solo™ 2100 Multimedia Notebook contains all the key features needed to enjoy your favorite audio CDs.

Note: There must be power (either battery or AC) to the system before you can open the CD-ROM tray.

To play an audio CD:

à See page 32.   1. Make sure the CD-ROM drive module is installed in the modular option bay.

2. Press the eject button on the front of the CD-ROM drive module.

3. Gently pull the CD-ROM tray fully open and place the audio CD into the tray.

4. Push in the CD-ROM tray until it closes completely.

5. The CD will start playing automatically.

6. Click on the CD Player option that appears in the task bar along the bottom of the display, or click on Start, Programs, Accessories, Multimedia, and CD Player to access the CD Player screen. You can change music tracks, view playing times, control the volume, set preferences, define a play list and even set the system to continuous or random play through this screen.

7. Slide the mouse pointer slowly over the control buttons on the CD Player screen to display the function of each button.

8. Click on the Eject button in the CD Player screen, or press the eject button on the front of the CD-ROM drive when you have finished listening.

9. Gently pull the CD-ROM tray fully open and remove the CD; then close the tray completely.

Experiment with the different settings in the CD Player screen to find the ones that work best for you.

Using a Modem

Installing and using a modem with the Gateway Solo™ 2100 Multimedia Notebook is an easy process. If you have ordered the TelePath 28.8 data/fax modem with your notebook, the drivers for the modem have already been preloaded onto the system.

Caution: Do not use your TelePath modem on a digital phone line. Modems convert digital signals into analog signals that can be sent on normal, analog telephone lines. If you attempt to use the modem on a line that is already digital, **the TelePath data/fax modem has built-in protection, and will not work.** Some modems could become permanently unusable. Most digital lines are in-house PBX systems. If you have any doubts about the type of line you have, ask your telephone service supplier.

To install the TelePath 28.8 data/fax modem:

1. *Using the APM connector:* Plug the APM connector end of the modem cable into the APM connector end of the modem (see Figure 42). If you have trouble plugging it in, turn the connector over.

   Using the XJACK: Gently push on the end of the jack and release. The jack will pop out. Plug an RJ-11 connector **from above** into the XJACK (see Figure 43).

2. Insert the modem face up, 68-pin connector first, into the PCMCIA slot in the left rear side of the notebook. Press the modem gently, but firmly into the PCMCIA slot until it will go no farther. Do **not** force the modem.

3. Plug the jack end of the modem cable into the RJ-11 wall jack. Use an RJ-11 connector and extension telephone cable if you need a longer cord for your modem.

4. The modem is now enabled and ready to use.

RJ-11 connector

APM connector

XJACK

Figure 42. *Making an APM Connection*
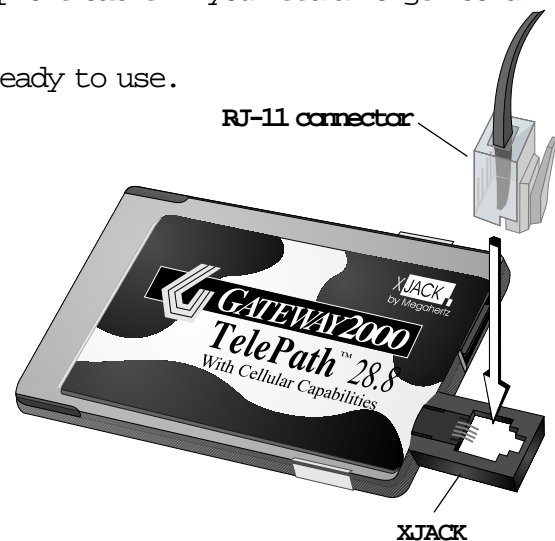
Figure 43. *Making an XJACK Connection*

If you purchased the modem after the system, you will need to perform a few additional steps to enable the modem.

To enable the TelePath 28.8 modem:

1. Make sure the floppy disk drive module is installed in the modular option bay, or connect the optional external floppy disk drive and install the floppy drive module.

2. Once the modem has been installed, the New Hardware Found window appears.

3. Click on the circle next to Driver from disk provided by hardware manufacturer so a black dot appears in the center of that circle. The Install from Disk window appears.

4. Insert the driver disk into the floppy disk drive module (usually designated drive A:).

5. Type:

        a :

    on the command line provided, then click **Ok.** The Select Device window appears.

6. Select Gateway 2000 TelePath 28.8 XJACK PCMCIA, and click **Ok.**

7. The modem is now enabled.

Once your modem is connected you can talk to the world, or send and receive faxes on your system. Several on-line services are accessible via your modem. Check your *Gateway Solo™ 2100 System CD* for an OLS directory that contains an overview of three different on-line services and registration information.

5

Advanced Topics

Power-Saving Modes

If the system goes through long periods of inactivity, the system utilizes two power-saving modes.

Standby mode
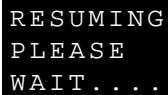
The system enters Standby mode if you do not use the keyboard or EZ Pad within the amount of time allotted by your power management choices (set in the Power menu). The hard disk drive spins down, the screen goes blank, and the AC power LED remains steady green. Using the keyboard or EZ Pad sends the system from Standby mode back to its active mode. After approximately ten minutes of Standby mode, depending upon your power management choices, the system automatically shifts to Suspend mode.

Suspend/Resume mode

The system enters Suspend mode after approximately ten minutes of Standby mode (depending on timeout setting). The system will also enter Suspend mode from the active mode if you click Start then Suspend, press the **Fn** key
together with the **F4** (**Suspend**) key or press the power button when it is configured for Suspend/Resume.

During Suspend mode the hard disk drive spins down, the screen goes blank and the AC power LED slowly flashes. It looks like the system has been powered down. Actually, the computer is conserving power and resources as well as saving all current work. **The notebook can stay in Suspend mode for up to one week on a fully charged battery!**

You should still save work to the hard drive as often as possible. To exit Suspend mode, press the power button. The computer leaves Suspend mode and returns to its previous state. **It does not reboot!** When the system powers up, the power status display flashes briefly in the upper left corner of the display.

RESUMING
PLEASE
WAIT....

Rebooting

If the system stops responding to the EZ Pad or the keyboard, it can usually be fixed by one of the following procedures:

u   Press **Fn** key together with **F4** (**Suspend**) key to put the notebook into Suspend mode and wait about ten seconds; then press the power button to put the notebook back in Resume mode.

u   Press the **Ctrl**, **Alt**, and **Del** keys simultaneously.

u   Press and hold the power button for at least two seconds.

Setup Menus

The Gateway Solo™ 2100 Multimedia Notebook contains a series of Setup menus that control basic setup, security, and power settings. You can modify the options controlled by these screens to tailor the system's functionality to best support the way you use it.

Note: All of the following illustrations depicting the Setup menus are shown with options set to the factory defaults.

To access the Setup menus:

1. Power up the system.

2. Press the **F2** key when you see the message Press <F2> to access SETUP in the lower left corner of the display *before Windows 95 loads*. The system beeps, then the Main menu appears.

3. Follow the instructions along the bottom of the menus to navigate through the different options and menus. An Item Specific Help bar providing additional information is also located along the right side of each menu.

Main menu

The Main menu controls a variety of basic setup options.

```
PhoenixBIOS Setup - Copyright 1985-95 Phoenix Technologies Ltd.
 Main  Advanced  Security  Power  Exit

   System time:           [11:12:10]      Item Specific Help
   System date:           [06/11/1996]
   Diskette A:            [1.44 MB]        Enter system time by
 ▶ IDE Adapter 0 master (C: 1338 MB)       typing in appropriat
 ▶ IDE Adapter 1 master (None)             value.
 ▶ IDE Adapter 1 slave (None)
   Display device selection:[LCD & CRT]
   Built-in pointing device:[Enabled]
   Memory cache:          [Enabled]

   Boot Sequence:         [A: then C:]

   System memory:              640 KB
   Extended memory:              7 KB



 F1  Help   ↑↓ Select Item   -/+   Change Values    F9  Setup Defaults
 ESC EXIT   ↔ Select Menu   Enter Select▶Sub-Menu  F10 Previous Value
```

Figure 44. *Main Menu*

```
PhoenixBIOS Setup - Copyright 1985-95 Phoenix Technologies Ltd.
 Main

   IDE Adapter 0 master (C: 1338 MB)      Item Specific He


   Autotype fixed disk:     [Press Enter]    Attempts to
                                             automatically detect
   Type:               [Auto] 1338 MB        the drive type for
   Cylinders:               2594             drives that comply w
   Heads:                    16              ANSI specifications.
   Sectors/Track:            63
   Write precomp:             0

   Multi-Sector transfers:   16 Sectors
   LBA mode control:         Enabled
   32 bit I/O:              [Disabled]
   Transfer mode:           Fast PIO 4


 F1  Help   ↑↓ Select Item   -/+   Change Values    F9  Setup Defaul
 ESC EXIT   ↔ Select Menu   Enter Execute Command   F10 Previous Val
```

Figure 45. *IDE Adapter 0 Master Sub-Menu*

```
PhoenixBIOS Setup - Copyright 1985-95 Phoenix Technologies Ltd.
 Main

   IDE Adapter 1 master (None)            Item Specific He


   Autotype fixed disk:     [Press Enter]    Attempts to
                                             automatically detect
   Type:                 [None]              the drive type for
   Cylinders:                                drives that comply u
   Heads:                                    ANSI specifications.
   Sectors/Track:
   Write Precomp:

   Multi-Sector transfers:  [Disabled]
   LBA mode control:        [Disabled]
   32 bit I/O:              [Disabled]
   Transfer mode:           [Standard]


 F1  Help   ↑↓ Select Item   -/+   Change Values    F9  Setup Defau
 ESC EXIT   ↔ Select Menu   Enter Execute Command   F10 Previous Va
```

Figure 46. *IDE Adapter 1 Master Sub-Menu*

```
PhoenixBIOS Setup - Copyright 1985-95 Phoenix Technologies Ltd.
 Main

   IDE Adapter 1 slave (None)             Item Specific He


   Autotype fixed disk:     [Press Enter]    Attempts to
                                             automatically detect
   Type:                 [None]              the drive type for
   Cylinders:                                drives that comply u
   Heads:                                    ANSI specifications.
   Sectors/Track:
   Write Precomp:

   Multi-Sector transfers:  [Disabled]
   LBA mode control:        [Disabled]
   32 bit I/O:              [Disabled]
   Transfer mode:           [Standard]


 F1  Help   ↑↓ Select Item   -/+   Change Values    F9  Setup Defau
 ESC EXIT   ↔ Select Menu   Enter Execute Command   F10 Previous Va
```

Figure 47. *IDE Adapter 1 Slave Sub-Menu*

The following provides a brief overview of the options controlled through the Main menu.

System time:
Controls the internal clock. To reset the clock, simply type in the correct values.

System date:
Controls the system date. Type in the correct values displayed as month/day/year (mm/dd/yyyy). Press **Tab** to access each field.

Diskette A:

Selects the drive type.

IDE Adapter 0 master:

Note: Do *not* change these settings unless you are an advanced user!

This sub-menu configures the IDE adapter (see Figure 45). Press **Enter** to access the sub-menu for this function. Press **Esc** when you have finished using the sub-menu, or wish to return to the Main menu.

> **Autotype fixed disk:** — Auto-detects the drive and sets all drive values to comply with ANSI specifications.
>
> **Type:** — Change from Auto to User to edit Cylinders, Heads, Sectors/Track, etc.
>
> **32 bit I/O:** — Enables or disables 32-bit data transfers.

IDE Adapter 1 master:

This sub-menu is only used with more than one hard drive. It functions the same as IDE Adapter 0 master.

IDE Adapter 1 slave:

This sub-menu is only used with more than one hard drive. It functions the same as IDE Adapter 0 master.

Display device selection:

Sets the video display device. Use the **Spacebar** to choose between LCD, CRT or both LCD & CRT.

Built-in pointing device:

Enables or disables the EZ Pad pointing device. Press the **Spacebar** to select Enabled or Disabled.

Memory cache:

Enables or disables external memory cache. Press the **Spacebar** to select Enabled or Disabled.

Boot sequence:

Sets the order in which the system searches for the boot drive. Press the **Spacebar** to choose between A: then C:, C: then A:, C: only, or CD-ROM.

The system memory and extended memory fields display the actual memory available. You cannot access and change these fields. These fields will only change if additional memory or a larger hard drive is installed.

Press the **Esc** key to access the Exit menu and accept/discard changes. Press **F9** to return to the factory defaults, or **F10** to return to the previous settings. Use the **Right Arrow** key to move over to the next screen.

Advanced menu

The Advanced menu contains operating system, system allocation (IRQ and register settings) and port assignment (COM and LPT) information.

Caution: Setting the options on the menu to incorrect values may cause the system to malfunction.

```
  PhoenixBIOS Setup - Copyright 1985-95 Phoenix Technologies Ltd.
    Main  Advanced  Security  Power  Exit

 ┌──────────────────────────────────────────┬─────────────────────────┐
 │                                           │   Item Specific Help    │
 │ ┌────────────────────────────────────────┤                         │
 │ │Warning!                                 │ ')' means pressing      │
 │ │Setting items on this menu to incorrect values│ <Enter> to next screen.│
 │ │may cause your system to malfunction.    │                         │
 │ │                                         │                         │
 │ │)Intergrated Peripherals                 │                         │
 │ │ Plug & Play O/S                [Yes]    │                         │
 │ │ Reset configuration data       [No]     │                         │
 │ │                                         │                         │
 │ │ Large disk access mode         [On]     │                         │
 │ │                                         │                         │
 │ │                                         │                         │
 │ │                                         │                         │
 │ │                                         │                         │
 │ │                                         │                         │
 │ └─────────────────────────────────────   │                         │
 ├──────────────────────────────────────────┴─────────────────────────┤
 │ F1  Help  ↑↓ Select Item  -/+  Change Values    F9  Setup Defaults │
 │ ESC EXIT  ↔ Select Menu  Enter Select)Sub-Menu  F10 Previous Values│
 └─────────────────────────────────────────────────────────────────────┘
```

Figure 48. *Advanced Menu*

```
  PhoenixBIOS Setup - Copyright 1985-95 Phoenix Technologies Ltd.
    Main  Advanced  Security  Power  Exit

 ┌──────────────────────────────────────────┬──────────────────────┐
 │          Intergrated Peripherals          │  Item Specific He    │
 │                                           │                      │
 │ Serial port:              [COM1]          │                      │
 │ IR port:                  [COM2]          │ COM1:  3F8h IRQ4;    │
 │ Parallel port address:    [LPT1]          │ COM2:  2F8h IRQ3;    │
 │ Diskette controller:      [ECP]           │ COM3:  3E8h IRQ4;    │
 │ Parallel port mode:       [Enabled]       │ COM4:  2E8h IRQ3.    │
 │ On-board IDE adapter:     [Primary]       │                      │
 │                                           │                      │
 │ On-board stereo sound:    [Enabled]       │                      │
 │   I/O channel:            [220H - 22FH]   │                      │
 │   MPU channel:            [330H - 331H]   │                      │
 │   IRQ channel:            [IRQ 5]         │                      │
 │   DMA channel low:        [DMA1]          │                      │
 │   DMA channel high:       [DMA 5]         │                      │
 │                                           │                      │
 ├──────────────────────────────────────────┴──────────────────────┤
 │ F1  Help  ↑↓ Select Item  -/+  Change Values    F9  Setup Defau  │
 │ ESC EXIT  ↔ Select Menu  Enter Select)Sub-Menu  F10 Previous Va  │
 └──────────────────────────────────────────────────────────────────┘
```

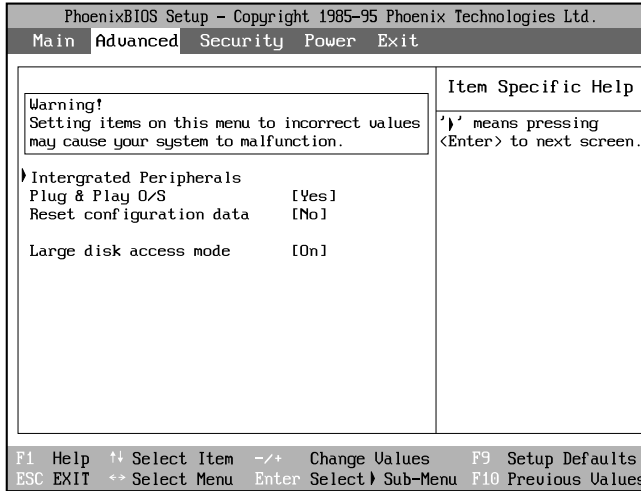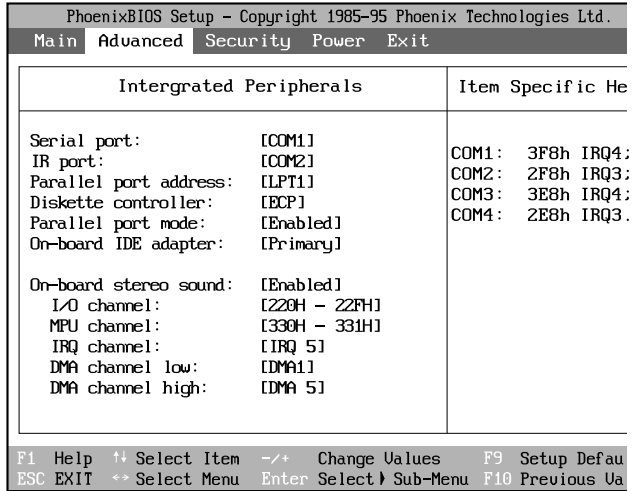**Figure 49.** *Integrated Peripherals Sub-Menu*

The following provides a brief overview of the options available through the Advanced menu.

Integrated Peripherals:

Press **Enter** to access the sub-menu that assigns port allocations and IRQ addresses (see Figure 49). See Table 4 for the available options.

Option	To Change Setting
Serial port	Select, use the **Spacebar** to access: COM1: 3F8h IRQ4; COM2: 2F8h IRQ3; COM3: 3E8h IRQ4; COM4: 3E8h IRQ3; Disabled
IR port	Select, use the **Spacebar** to access: COM2: 2F8h IRQ3; COM3: 3E8h IRQ4; COM4: 3E8h IRQ3; Disabled; COM1: 3F8h IRQ4
Parallel port address	Select, use the **Spacebar** to access: LPT1: 378h IRQ7; Disabled; LPT2: 278h IRQ5; LPT3: 378h IRQ7
Parallel port mode	Select, use the **Spacebar** to access: ECP; Output Only; Bi-Directional
Diskette controller	Select, use the **Spacebar** to access: Enabled; Disabled
On-board IDE adapter	Select, use the **Spacebar** to access: Primary; Secondary; Disabled
On-board stereo sound	Select, use the **Spacebar** to access: Enabled; Disabled
I/O channel	Stereo sound enabled, select, use the **Spacebar** to access: 220H – 22FH; 230H – 23FH; 240H – 24FH; 250H – 25FH
MPU channel	Stereo sound enabled, select, use the **Spacebar** to access: 330H – 331H; 300H – 301H
IRQ channel	Stereo sound enabled, select, use the **Spacebar** to access: IRQ5; IRQ7; IRQ9; IRQ10
DMA channel low	Stereo sound enabled, select, us the **Spacebar** to access: DMA1; DMA3; DMA0
DMA channel high	Stereo sound enabled, select, us the **Spacebar** to access: DMA5, DMA6, DMA0

Table 4. *Integrated Peripherals Menu Options*

Press **Esc** when you have finished using the sub-menu, or wish to return to the main Advanced menu.

Plug & Play OS
Set to Yes for Windows 95. Set to No if you are using a different operating system, or a PCMCIA card that needs real mode drivers (does not already have Windows 95 drivers).

Reset configuration data
Be careful with this setting, since this option clears system configuration at the next boot if set to Yes.

Large disk access mode:
Set to On if your operating system is DOS or Windows. Set to Off if you are using any other operating system.

Press the **Esc** key to access the Exit menu and accept/discard changes. Press **F9** to return to the factory defaults, or **F10** to return to the previous settings. Use the **Right Arrow** key to tab over to the next screen.

Security menu

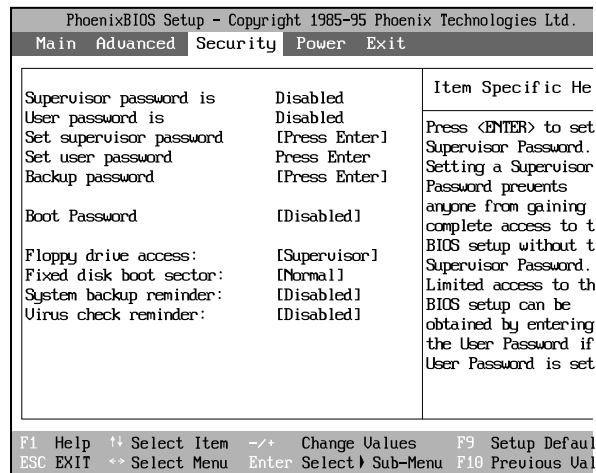The Security menu contains options to set or change system passwords and set other system security precautions.

```
        PhoenixBIOS Setup - Copyright 1985-95 Phoenix Technologies Ltd.
       Main   Advanced   Security   Power   Exit

                                                       Item Specific He
     Supervisor password is      Disabled
     User password is            Disabled           Press <ENTER> to set
     Set supervisor password     [Press Enter]      Supervisor Password.
     Set user password           Press Enter        Setting a Supervisor
     Backup password             [Press Enter]      Password prevents
                                                    anyone from gaining
     Boot Password               [Disabled]         complete access to t
                                                    BIOS setup without t
     Floppy drive access:        [Supervisor]       Supervisor Password.
     Fixed disk boot sector:     [Normal]           Limited access to th
     System backup reminder:     [Disabled]         BIOS setup can be
     Virus check reminder:       [Disabled]         obtained by entering
                                                    the User Password if
                                                    User Password is set


     F1  Help    ↑↓ Select Item   -/+   Change Values    F9  Setup Defaul
     ESC EXIT    ←→ Select Menu    Enter Select▶Sub-Menu  F10 Previous Val
```

Figure 50. *Security Menu*

The following provides a brief overview of the options available through the Security menu.

Set supervisor password

Setting a supervisor password protects the system by preventing access to the BIOS setup without the password. The Supervisor password is line near the top of the menu will reflect that the password has been enabled.

To set a Supervisor password:

1. Use the **Arrow** keys to select Set supervisor password from the Security menu, and press **Enter** to access the Set supervisor password screen.

2. Type in a password no more than seven characters long and press **Enter**. Try to think of a password that will be easy for you to remember, but difficult for someone else to guess.

3. Retype the password to verify, and press **Enter**. A Notice screen appears. Press **Enter** to continue.

To disable the password function:

Note: You still need the old password. If you have forgotten the password, this procedure will not allow you to access the Setup menus.

1. Make sure that Boot password: is set to Disabled.

2. Use the **Arrow** keys to select Set supervisor password and press **Enter**.

3. Press **Enter** instead of entering a password.

4. Press **Enter** again to verify the lack of a password. A Notice screen appears. Press **Enter** to continue.

5. The Supervisor password is and User password is lines near the top of the menu should both state Disabled.

Set user password

This option is only available if you have set a supervisor password. A user password allows limited access to BIOS setup with the password. The User password is line near the top of the menu will reflect that the password has been enabled.

To set a user password:

1. Use the **Arrow** keys to select Set user password from the Security menu, and press **Enter** to access the Set user password screen.

2. Type in a password no more than seven characters long and press **Enter**. Try to think of a password that will be easy for you to remember, but difficult for someone else to guess.

3. Retype the password to verify, and press **Enter**. A Notice screen appears. Press **Enter** to continue.

Backup password:

This function makes a backup copy of the supervisor password onto a floppy disk. If you forget your password, insert the floppy disk and change the supervisor password. Make sure you label the diskette containing the backup password file. It is a hidden file and cannot be seen or read.

Note: We strongly recommend that you take advantage of Backup password: if you are using passwords. We have made the password function very secure. There is no easy way to erase a forgotten password. If you have not used the Backup password: function, you must send the system back to Gateway 2000 for a time-consuming repair.

To backup the supervisor password:

1. Make sure the floppy disk drive module is installed in the modular option bay.

2. Place a floppy diskette in the drive and press **Enter**. A Notice screen appears. Press **Enter** to continue.

3. Label and store the diskette in a safe place.

To restore the supervisor password using the backup password diskette:

1. Make sure the floppy disk drive module is installed in the modular option bay.

2. Power up the system.

3. Press **F2** when prompted along the bottom of the display.

4. The Enter password (from floppy press enter): screen appears. Place the backup diskette in the drive and press **Enter**.

5. Use the **Right Arrow** key to move to the Security menu, then press **Enter**.

6. Type in a new password and press **Enter**.

7. Retype the new password to verify, and press **Enter**. A Notice screen appears. Press **Enter** to continue.

8. Back up the password again on diskette using the Backup password: by placing a floppy diskette in the drive and pressing **Enter** twice.

9. Store the backup password diskette in a safe place.

Boot password:
Setting this feature to Enabled requires the supervisor or user password to boot the system. Press the **Spacebar** to select Enabled or Disabled.

Floppy drive access:
Note: This function only works if Boot password is enabled.

If this function is set to Supervisor, you need the supervisor password to access the floppy disk drive. If it is set to User, you need the supervisor or user password to access the floppy disk drive. Press the **Spacebar** to select Supervisor or User.

Fixed disk boot sector:
If set to Write protect, the boot sector of the hard disk drive is write-protected to help prevent viruses. However, you cannot add software or format the hard drive. Press the **Spacebar** to select Write protect or Normal.

System backup reminder:
This function will display a message at bootup reminding you to back up your system files. Press the **Spacebar** to choose Daily, Weekly (every Monday), Monthly (1st day of the month) or Disabled.

Virus check reminder:
This function will display a message at bootup reminding you to run a virus check program. Press the **Spacebar** to choose Daily, Weekly (every Monday), Monthly (1st day of the month) or Disabled.

Press the **Esc** key to access the Exit menu and accept/discard changes. Press **F9** to return to the factory defaults, or **F10** to return to the previous settings. Use the **Right Arrow** key to tab over to the next screen.

Power menu

The Power menu contains the power management settings and system timeouts.

```
   PhoenixBIOS Setup - Copyright 1985-95 Phoenix Technologies Ltd.
    Main  Advanced  Security  Power  Exit

   Powe button mode:         [On/Off]          Item Specific He
   
   PM Control:               [Battery]         Select Power button
   Power Management:         [Minium Battery Life] functionality.
                                                Suspend/Resme: Button
   Standby timeout:          10 min            function as
   Suspend timeout:          OFF               'Suspend/Resume'
                                               switch. If you want t
   Hard disk timeout:        6 min             turn power off in thi
   Video timeout:            8 min             mode you must press a
                                               hold power button ove
   Resume on time:           [OFF]             2 seconds.
   Resume time:              [00:00:00]        On/Off:
   Battery low suspend:      [ON]              Button function as
   Auto dim with battery only [ON]             'On/Off' switch.



   F1  Help   ↑↓ Select Item   -/+   Change Values     F9   Setup Defau
   ESC EXIT   ↔ Select Menu   Enter Select▶ Sub-Menu   F10  Previous Va
```

Figure 51. *Power Menu*

The following provides a brief overview of the options available through the Power menu.

Power button mode:
Sets power button functionality. Press the **Spacebar** to select On/Off or Suspend/Resume.

PM Control:
Sets the power management mode environment. Press the **Spacebar** to choose between Battery, Disabled or Always.

Power Management:
This function provides preset or customized power management. Setting this option to Minimum Battery Life provides the notebook with best *system* performance. Setting this option to Maximum Battery Life provides the system with best *battery* performance. Setting this option to Customize allows you to manually set the Standby, Suspend, Hard disk and Video timeouts. Setting this option to Medium provides the system with a mixture of *system* and *battery* performance. Use the **Spacebar** to choose between options.

Standby timeout:
The time that the system waits before going into Standby mode. The Power Management: function must be set to Customize before you can change this field. Use the **Spacebar** to choose 2, 4, 6, 8, 10... through 30, or Off.

Exit menu

The *Exit* menu contains the options available once you have made changes to the Setup menus.

Options available in this menu:

u   Save changes & exit

u   Exit without saving changes

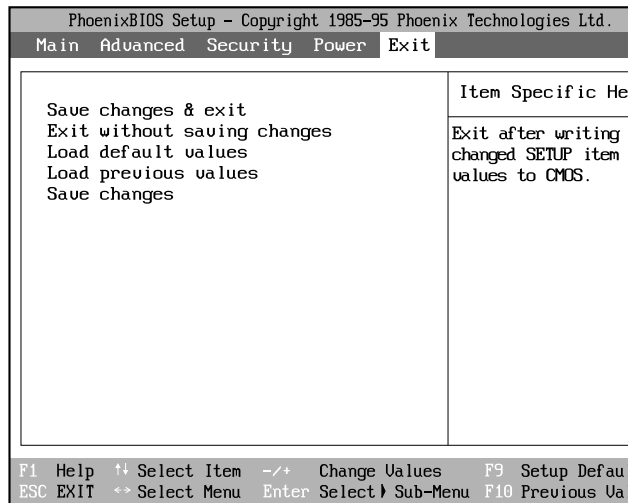u   Load default values

u   Load previous values

u   Save changes.

```
     PhoenixBIOS Setup - Copyright 1985-95 Phoenix Technologies Ltd.
   Main  Advanced  Security  Power  Exit

                                              Item Specific He

      Save changes & exit                   Exit after writing
      Exit without saving changes           changed SETUP item
      Load default values                   values to CMOS.
      Load previous values
      Save changes




 F1  Help   ↑↓ Select Item   -/+   Change Values    F9  Setup Defau
 ESC EXIT   ←→ Select Menu   Enter Select▶ Sub-Menu  F10 Previous Va
```

Figure 52. *Exit menu*

Use the Arrow keys to make your selection and follow all screen prompts.

Popup Status Display

The Popup menu display feature is supported by the VGA controller chip and the system BIOS. The displays appear in the upper left corner of the display, and disappear after four seconds of inactivity.

Popup menus:

u   Power status display

u   Volume meter

u   Contrast meter

u   Brightness meter.

```
BAT1 85%
BAT2 00%
PM    OFF
USER DEF
AC     ON
  MUTE
```

Power status display — This display appears when you press the **Fn** key together with the **F2** (**Popup**) or the **F5** (**PM**) key. It shows current battery status, power management level and mute function (if enabled). The display is updated when you change any function choice.

```
WARNING!
LOW
BATTERY
```

Battery status is displayed in the top two lines. The top line reflects the status of the primary battery pack. The second line reflects the status of the optional battery pack installed in the modular option bay. If the battery level is low, a warning icon will appear.

The power management levels are displayed in the third and fourth lines. You can toggle between levels by pressing the **Fn** key together with the **F5** (**PM**) key.

Note: These changes in power management levels are temporary and do not affect the power settings in the BIOS Setup screens. The changes are *only* in effect until the system is rebooted or powered off, then the BIOS power settings are restored.

AC power status is monitored on the fifth line.

The mute function is enabled or disabled when you press the **Fn** key together with the **F6** (**Mute**) key. The power status display will briefly appear. The bottom line will display the word MUTE when enabled, and be blank when disabled.

```
VOLUME
▓▓▓▓▓▓▓▓
```

Volume meter — This meter shows the system volume level. Press the **Fn** key and tap the **F8** (**Volume s**) or **F7** (**Volume t**) key to increase or decrease the contrast level in single increments.

```
CONTRAST
▓▓▓▓▓▓▓▓▓
```

Contrast meter — This meter shows the LCD display contrast levels (DSTN displays only). Press the **Fn** key and tap the **Left Arrow** or **Right Arrow** key to increase or decrease the contrast level in single increments.

```
BRIGHT
▓▓▓▓▓▓▓▓▓▓
```

Brightness meter — This meter shows the brightness level for the LCD display. Press the **Fn** key and tap the **Up Arrow** or **Down Arrow** key to increase or decrease the brightness level in single increments.

Port/IRQ Configurations

The Gateway Solo™ 2100 Multimedia Notebook supports the use of multiple peripheral devices. However, you may periodically run into difficulties with port and IRQ allocations. Your system only has two available interrupts. You may need to disable the serial port, the IR port or both to gain system re-sources for a new peripheral. Another way to avoid allocation problems is to avoid address stacking. Address stacking occurs when more than one port is set to COM1.

Windows 95 has a set of screens that will help you solve resource allocation problems very easily.

If you install a PC card and it will not work:

à See page 37.

1. Make sure the card was installed properly. Check the PC card's documentation if you have any installation questions.

2. Click on Start, Settings, and Control Panel; then double-click on the System icon.

3. Click on the Device Manager tab and check the device listing to see if any problems are noted. This is illustrated by a black exclamation point within a yellow circle, or a black box with a red X.

4. Double-click on the device; a device screen will appear.

5. Click on the Resources tab; then click on the Set Configuration Manually button. A conflict screen appears with specific conflicts listed in a Conflicting device list:.

6. Highlight the item in the Resource settings: listing that matches the item in the Conflicting device list:. Click on the Change Setting button and an Edit screen appears.

7. Click on the s or t buttons in the Value: field until the Conflict information field states that no devices are conflicting; then press OK.

8. Repeat steps 6 and 7 until all resource allocations are solved.

9. Press OK. You should hear a two-tone beep indicating the card is enabled and the problem indicator over the device on the listing in the Device Manager tab should be gone.

Zoomed Video

Zoomed video makes better use of your system resources. The video information for most PC cards goes through the CPU or system bus, taking up additional processing time. Zoomed video routes the video information directly to the video card, freeing up the processor for other tasks. Zoomed video also provides a *hardware* solution for MPEG decoding. You still need software, but the hardware solution provides a bigger display screen and faster running time.

Make sure you install the PC card in the **bottom** slot. The *bottom* PC card slot is the one configured for zoomed video. Since this is new technology, the drivers for any zoomed video applications may need to be loaded separately. Refer to the documentation that came with the PC card to install the card.

6

Accessories

Additional AC adapter — You may wish to have an extra AC adapter for traveling purposes.
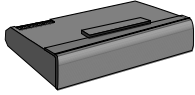
Additional battery packs — Additional battery packs are a must when you travel. Having an optional battery pack installed in the modular option bay gives you twice the battery life on long trips. You can also charge two batteries in the system at the same.
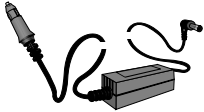
Auto AC adapter — How many times have you been stuck in the car on a long trip and your battery has run out? With the optional Auto AC adapter, you can run your notebook off the power of your car's battery through the cigarette lighter, charging your battery pack(s) at the same time.

Carrying case — Carrying cases add to the life of your notebook by protecting the system from dust, the elements and some shocks. You can carry all immediate supplies with you, batteries, adapters, etc.

Gateway 2000 Solo™ mini-docking station — Connect all your peripheral devices to the optional min-docking station. The mini-docking station connects and disconnects easily from the rear of the notebook, leaving all peripheral connections intact.

Ethernet card — Networks all your equipment together.
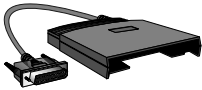
External floppy disk drive adapter — This adapter accepts the floppy drive module that came with your notebook and easily connects and disconnects from the system. The modular option bay is then free to accept an extra battery pack or the CD-ROM module.

Extra memory — Additional 8MB and 16MB memory modules can be installed to upgrade your system. The notebook has an easy-access memory panel on the bottom of the system.

Extra hard disk drives — Purchasing your additional hard drives from Gateway 2000 is always a plus. The hard drive comes equipped with the hard drive kit. Have a personal hard drive and one for each major project.

Modems — Modems are more than a convenience; they are almost a necessity if you want to stay connected to the world. Gateway 2000 carries the TelePath line of data/fax modems.

7

Maintenance/Troubleshooting

Care and Maintenance

The Gateway Solo™ 2100 Multimedia Notebook is a durable product. However, when transporting the system, we recommend that you pack it into a computer carrying case or briefcase.

Other ways to extend the life of your system:

u   Don't subject the system to excessive shock.

u   Don't put heavy objects on top of the system.

u   Keep diskettes and modular drive options away from magnetic fields.

u   Set up a maintenance schedule for your system. Routinely run virus checks, scan disk and disk defragmenter.

u   Never turn off the system when the Hard Disk Drive LED is on.

u   Avoid extreme temperature changes.

u   Don't get the system wet or expose to water.

u   Avoid areas with a high concentration of dust and dirt.

u   Keep the port covers closed when you are not using the external device ports.

u   Clean the exterior and LCD display periodically with a non-abrasive cleaner and a soft cloth. Spray the cleaner onto the cloth and not directly onto the display.

Caution: The LCD display is made of glass and can be scratched by abrasive cleaners.

Virus Checking

Any computer system can pick up a "virus." A virus is a hidden program that is usually attached to an executable file. When you start the file that contains the virus, it becomes active. Your system can "catch" a virus from shared disks or downloaded files. While some viruses could destroy information or damage your system, other viruses will simply spell out a message or prevent you from performing normal computing functions.

Setting up a maintenance schedule will make running your virus check a habit. Once a month could be often enough to run a check, or if you use your system more often, once a week.

Note: It is always a good idea to run a virus check after receiving data from another source.

You can program the system to remind you to perform a virus check using the Virus check reminder: from the Security menu.

A number of different virus detection packages are available on the market. Choose one that works with your operating system and hardware setup.

Hard Drive Utilities

Some system tools in Windows 95 can help you preserve the life of your hard drive. Set up a maintenance schedule and perform these functions on a regular basis.

Disk defragmenter

Windows 95 contains a disk defragmenter in its system tools. A disk defragmenter program is like a housekeeper; it finds file fragments and puts them together. This saves hard drive space and allows the system to run faster and more efficiently.

Note: Windows 95 cannot defragment your CD-ROM, or any network drive.

To use Windows 95 Disk Defragmenter:

1. Click on Start, Programs, Accessories, System Tools, then Disk Defragmenter. The Select Drive screen appears.

2. Use the t button to select the drive you wish to defragment, and click Ok. The Disk Defragmenter screen appears.

3. Click on Start to begin the disk defragment program. The screen follows the program's progress. When the program has finished running, another Disk Defragmenter screen appears.

4. Click Yes if you are ready to quit Disk Defragmenter.

ScanDisk

Windows 95 contains a disk scan program that will check your hard drive and can fix many errors found.

To use Windows 95 ScanDisk:

1. Click on Start, Programs, Accessories, System Tools, then ScanDisk. The ScanDisk screen appears.

2. Select the drive you want to have checked for errors. Make sure a check is in the box next to Automatically fix errors if you wish to use that option.

3. Click on Start to begin the program. The screen follows the program's progress. When the program has finished running, the ScanDisk Results screen appears.

4. Click Close after you have read the screen; then click Close again to exit the program.

Reformatting the Hard Disk Drive

If your system has been damaged, you might need to reformat your hard disk drive.

Note: if the Fixed disk boot sector: option in the Security menu is set to Write protect, the boot sector of the hard disk drive is write-protected, and you cannot format the hard drive.

Caution: Reformatting the hard drive will erase *all* information on the drive!

To format your hard drive:

1. Make sure the Floppy disk drive module is in the modular option bay, or connect the optional external floppy disk drive adapter and install the floppy drive module. If you are using the optional external floppy disk drive adapter, make sure the CD-ROM module is installed in the modular option bay.

2. Place the *Solo™ 2100 System Boot Disk* into the floppy disk drive.

3. Press the power button, or press and hold the power button for two seconds if the power button is configured for Suspend/Resume to reboot the system. The disk menu appears.

4. Choose option number 4 (Exit) and press **Enter**. You will see the A: prompt, and a message asking you to remove the boot disk. **Do not remove the boot disk.**

5. Type:

   ```
   format C:
   ```

   and press **Enter**.

6. Reboot the system after the drive has been formatted and choose option number 1 (Install OS) from the disk menu. Press **Enter**.

7. If the floppy disk drive module is in the modular option bay, power down the system. Install the CD-ROM module in the modular option bay and power up the system.

8. Place the *Windows 95 CD* in the CD-ROM and press **Enter** to finish installing the operating system.

9. Reinstall all additional software.

Troubleshooting

Although the Gateway Solo™ 2100 Multimedia Notebook is designed for trouble-free performance, you may occasionally encounter minor problems. Most of these can be fixed by thoroughly double-checking connections and settings or by performing the procedures described below.

If the system does not respond to these solutions, see the warranty that shipped with the system that describes several ways to request help, including traditional Portables Technical Support and our FaxBack Service.

Start up

When the system is turned on, the hard disk makes a whirring noise, the screen shows an image and the system LED is lit. If any of these do not occur, check the following components and their connectors:

The hard disk drive won't access:

à See page 34.   u   Make sure that the hard disk drive is installed properly.

u   If the system has recently been subjected to an excessive amount of static electricity or physical shock, you may need to reinstall the system files from the Windows 95 CD.

u   The system may be attempting to boot from the floppy drive first. Go to the Setup menus and check the Boot sequence: setting under the Main menu.

The system isn't working from the battery (if using battery power):

à See page 28.   u   Make sure the battery is installed properly.

u   Make sure the battery is charged.

The system isn't working from AC power (if using AC power):

à See page 14.   u   Make sure all connections are secure.

u   Make sure that there is electricity to the outlet for the power cord.

u   Make sure the cables are free from cuts or damage. Replace any damaged cables.

There is something wrong with the display:

u   Make sure there is an image on the screen (Windows 95 desktop).

à See page 17.   u   Make sure that the brightness is turned up. The screen may be simply too dark to see.

à See page 60.   u   Make sure the Auto dim with battery only option in the Power menu is set to OFF.

General

Even after the system is on and running, you may encounter one or more of the following problems. If any of these happen, check the appropriate parts and their connectors, then try the solutions suggested:

The system date says January 1, 1980

à See page 52.   The internal battery that keeps the clock/calendar going ran completely down. This can happen if you leave the battery pack out of the system or fully discharged for a day or more. To correct the problem, reset the date in the Main menu. Then plug the AC adapter into the notebook and leave it attached for an hour or so.

The screen says, "General Failure reading drive C:"

à See page 50.   Try rebooting a couple of times by pressing **Ctrl+Alt+Del**. Make sure the system isn't too cold. If nothing works, call Gateway 2000 Customer Support.

The screen says, "Non-system disk or disk error reading drive A:"

You have a non-bootable disk in drive A: (the floppy disk drive). Remove it and press any key.

The screen says, "Bad command or file name"

You may have mistyped a command. Retype the command or check your operating systems manual. There may be a bad command or file name in the AUTOEXEC.BAT or the CONFIG.SYS file. The boot sector may have been altered by a virus.

For information on other error messages, refer to the manuals that document your operating system.

The notebook won't accept your password.

à See page 12.   Check the LED indicators for Caps Lock, Num Lock, and Pad Lock. If any of them are on, turn them off (you can do this before entering the password). Then try retyping the password.

You forgot your password.

à See page 57.   We made the password feature very secure and there is no easy way to erase a forgotten password. If you haven't used the Backup password: option in the Security menu, you have to return your system to Gateway 2000 for a time-consuming repair. Call Gateway 2000 Customer Support.

The screen looks a little dark.

à See page 17.   Check the brightness control.

Frequently asked questions

Why isn't the PCMCIA controller or PC card recognized in Windows 95?

1. Right click on the My Computer icon in the upper left corner of the display.
2. Click on Properties. The System Properties screen appears.
3. Click on the Device Manager tab.
4. Double-click on Cirrus Logic PCIC compatible PCI to PCMCIA bridge under PCMCIA socket.
5. Make sure that the Device Usage boxes are checked.

Why is the video display on SVGA systems loaded with MS Office appear to be "washed out" when switching between applications (the screen appears to have only 16 colors instead of 65,000 or 256 colors)?

1. Right click on the MS Office Toolbar control box. This appears across the top of the toolbar if vertical, or on the left of the toolbar if horizontal.
2. Select Customize..., then the View tab.
3. Deselect the Use Gradient Fill box.

Why doesn't the Suspend option appear on my Windows 95 Start Menu?

1. Click Start, Settings, then Control Panel.
2. Double click on the Power icon.
3. Make sure that Always is selected under Show Suspend command on the Start menu; then click Ok.

The Suspend option will always appear on the Start Menu.

How do I set up a printer on my portable?

1. Click Start, Settings, then Printers.
2. Double-click on the Add Printer icon, then follow the instructions from the Add Printer Wizard.

Why can't I print after the mini-docking station is disconnected from my system?

1. Click Start, and Settings.

2. Right click on the Printer icon for your printer.

3. Make sure that Set as Default is selected. If Work Offline is selected, click on it to deselect it.

Why is there a yellow circle with an exclamation point over my Hard Disk/CD-ROM Controller in the Device Manager tab?

1. Click on the Performance tab.

2. Make sure File System, Virtual Memory, and PCMCIA all display 32-Bit.

3. See if there is a message explaining a conflict. If this occurs, you may have to remove the Real-Mode Drivers from the AUTOEXEC.BAT or CONFIG.SYS files.

Note: If there is a message stating that the boot sector has been altered, you may have a virus.

I accidentally deleted a file, can I get it back?   Maybe...

1. Double-click on the Recycle Bin icon.

2. Highlight the file you deleted by clicking on it.

3. Click Edit and Undo Delete and the file will be retrieved.

If the file was deleted from File Manager or at a DOS prompt, the file is gone.

Why is the mouse erratic and hard to control?

1. Click on Start, Settings, Control Panel, and double click on the Mouse icon.

2. Click on the Motion tab and adjust Pointer speed.

3. Click on the Touch Pad tab and adjust the Touch Threshold.

Note: Make sure that your fingers are free from excess moisture, which can cause erratic mouse behavior.

Important Information

If you experience any trouble while using your Gateway 2000 Solo™ 2100 Multimedia Notebook, feel free to contact Gateway 2000. You will need to supply your Customer ID, serial number, and order number to the customer support technicians. Make a note of these numbers here.

If your computer is ever stolen, be sure to contact your local police and a Gateway 2000 representative at once. We can put a note on the account, so that if anyone calls in using the serial number for your notebook we can contact you immediately.

Customer ID :   _____

Serial Number: _____

Order Number: _____

Calling Gateway 2000 U.S.

Please take a moment before calling and determine which service will be most appropriate for your needs.

800-846-2000 Sales & Customer Support Information about systems, pricing, orders, billing statements, warranty service and other non-technical issues.

800-846-2302 Technical Support In the U.S., call this number if you have a problem with hardware or software.

800-846-3609 Toll Free from Canada In Canada and Puerto Rico, call this number if you have a problem with hardware or software.

605-232-2445 Technical Support Fax Fax machine required. Retrieve technical information and order information delivered to your fax machine.

800-846-2080 Component Add-on Sales Call this number to purchase software, hardware upgrades and accessories.

800-846-4526 FaxBack Service FaxBack is an automated fax response system. You can retrieve information and order documents delivered to your fax machine.

605-232-2191 International Sales & Support From outside the U.S., Canada or Puerto Rico.

605-232-2561 International FaxBack Fax machine, fax modem required. You can retrieve information and order documents delivered to your fax machine from outside the U.S., Canada or Puerto Rico

605-232-2224 Bulletin Board Service Modem Required. Technical Support maintains an electronic bulletin board system (BBS) for answers, comments and software upgrades.

800-846-7562 Download Service Modem Required. The download service is a toll-free phone call that provides access to software patches, driver upgrades and other information.

http://www.gw2k.com Modem Required. The Gateway 2000 Web site contains a variety of information about Gateway 2000.

Calling Gateway 2000 outside the U.S.

Please refer to your Gateway 2000 Warranty Booklet for information and the contact numbers for Gateway 2000 outside the U.S.

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