

# System Tour

This chapter gives an in-depth “tour” of the notebook’s many features.

## 2.1 Features

The notebook was designed with the user in mind. Here are just a few of the notebook’s many features:

### Performance

- High-end Pentium microprocessor
- 64-bit main memory
- Large LCD display and PCI local bus video with graphics acceleration
- 3.5-inch floppy drive
- High-capacity, Enhanced-IDE hard disk
- Nickel Metal-Hydride battery pack
- Power management system with standby and hibernation power saving modes

### **Multimedia**

- 16-bit high quality audio
- Built-in speaker
- Line in, mic-in and line out ports

### **Human-centric Design and Ergonomics**

- Lightweight and slim
- Full-sized keyboard
- Wide and curved palm rest
- Centrally-located touchpad pointing device

### **Expansion**

- PC Card slots (formerly called PCMCIA), two type II or one type III
- Upgradeable memory and hard disk

## 2.2 Display

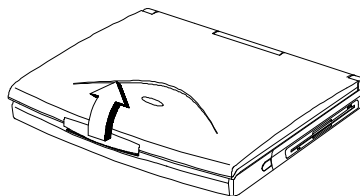
The large DualScan STN color graphics display offers excellent viewing, display quality and desktop performance graphics. With built-in PCI bus VGA display system to support both the internal LCD display and the external optional VGA monitor with 1MB RAM video memory.

The notebook's large display and multimedia capabilities are great for giving presentations. If you prefer, you can also connect an external monitor when giving presentations. This notebook supports simultaneous LCD and CRT display. Simultaneous display allows you to control the presentation from your notebook and at the same time face your audience. You can even connect an LCD projection panel for large-audience presentations.

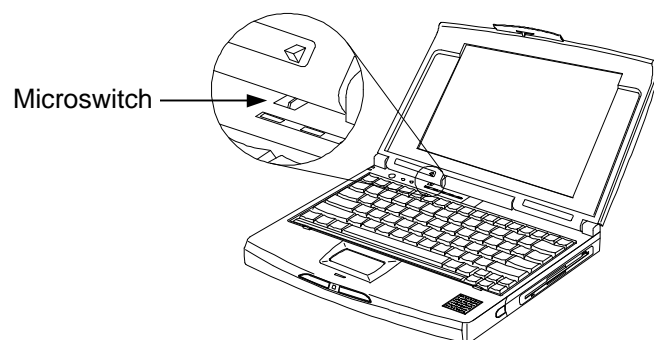
The power management system incorporates an "automatic LCD dim" feature that automatically decides the best settings for your display and at the same time conserve power. See section 3.2 for more information on power management.

### Opening and Closing the Display

To open the display, gently pull the display lid latch using your fingers and lift up the lid. Then tilt it to a comfortable viewing position.



The notebook employs a microswitch that turns off the display to conserve power when you close the lid, and turns it back on when you open the lid.

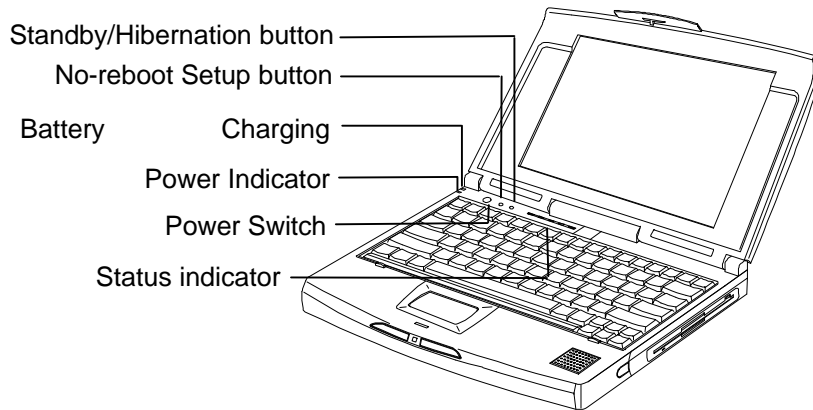


To close the lid, fold it down gently until the display lid latch clicks into place.






*To avoid damaging the display, do not slam it when closing.  
Do not place any object on top of the notebook when the display is closed.*








## 2.3 Interior Features



### 2.3.1 Control Buttons

Icon	Function	Description
	Power Switch	Toggle system power on and off.
	No-reboot Setup	Gains access to BIOS setup utility's advanced power management settings and system information reference screens. See section 6.1.5.
	Standby/Hibernation	Enters hibernation mode if the hibernation function (Sleep Manager) is installed, valid and enabled; otherwise, the notebook enters standby mode.

### 2.3.2 Status Indicator

Icon	Function	Description
	Battery charging indicator	It lights up when the battery is charging.
	Power indicator	This lights up when power is applied to the notebook, and flashes when the notebook is in a battery-low condition.
	Standby mode indicator	This flashes when the system is in standby mode (Standby/Hibernation mode).
	Hard disk drive activity indicator	This lights up when the system accesses the hard disk drive.
	Num Lock indicator	This lights up when the Num Lock function is activated.
	Caps Lock indicator	This lights up when the Caps Lock function is activated.
	Scroll Lock indicator	This lights up when the Scroll Lock function is activated.

To find out more about batteries, see Chapter 3.

## 2.4 Keyboard

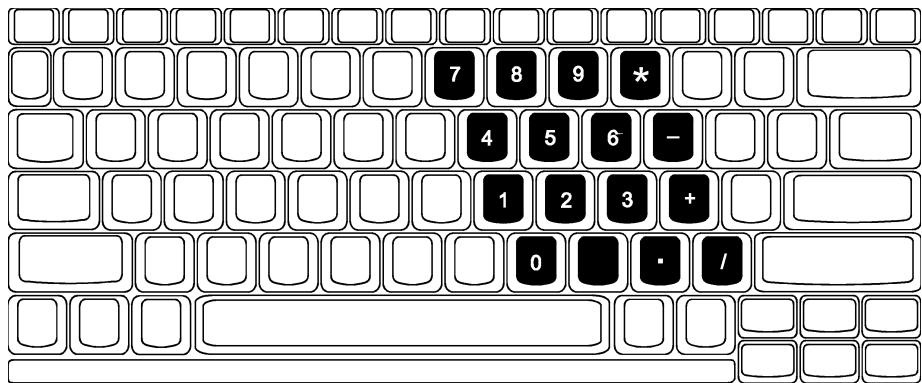
The keyboard has full-sized keys that include a separate cursor keys, two Windows 95 keys and twelve function keys.

### 2.4.1 Special Keys

The keyboard has three lock keys which you can toggle on and off.

Lock Key	Description
Caps Lock	When Caps Lock is on, all alphabetic characters typed are in uppercase.
Fn-NumLk	When Num Lock is on, the embedded keypad is in numeric mode. The keys function as a calculator (complete with arithmetic operators +, -, *, and /).  Use this mode when you need to do a lot of numeric data entry. A better solution would be to connect an external keypad.
Fn-ScrLk	When Scroll Lock is on, the screen moves one line up or down when you press ↑ or ↓ respectively. Scroll lock does not work with some applications.

#### Embedded Keypad



The embedded keypad functions like a desktop numeric keypad. It is indicated by small characters located on the upper right corner of the keycaps. To simplify the keyboard legend, the cursor-control key symbols are not printed on the keys.



Desired Access	Num Lock On	Num Lock Off
Number keys on embedded keypad	Type numbers in a normal manner.	Hold <b>Fn</b> and <b>Shift</b> while using the number keys.
Cursor-control keys on embedded keypad	Hold <b>Shift</b> while using cursor-control keys.	Hold <b>Fn</b> while using cursor-control keys.
Main keyboard keys	Hold <b>Fn</b> while typing letters on embedded keypad.	Type the letters in a normal manner.



*If an external keyboard or keypad is connected to the notebook, the numlock function only works on the external keyboard or keypad.*

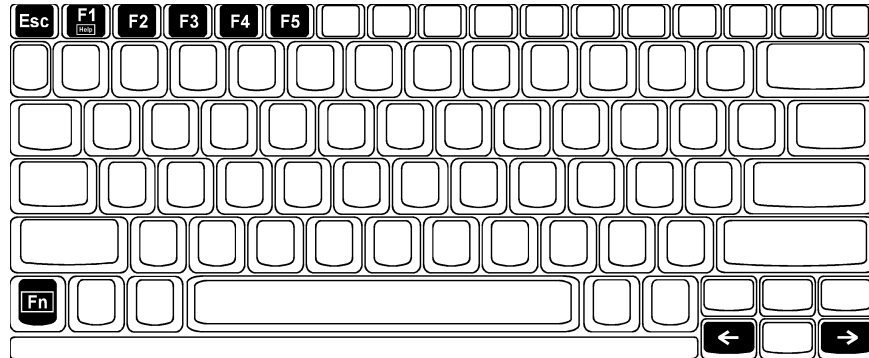
## Windows 95 Keys

The keyboard has two keys that perform Windows 95-specific functions.




Key	Description
Windows logo key 	Start button. Combinations with this key performs special functions. Below are a few examples: <ul style="list-style-type: none"> <li>• <i>Windows + Tab</i> Activate next Taskbar button</li> <li>• <i>Windows + E</i> Explore My Computer</li> <li>• <i>Windows + F</i> Find Document</li> <li>• <i>Windows + M</i> Minimize All</li> <li>• <i>Shift + Windows + M</i> Undo Minimize All</li> <li>• <i>Windows + R</i> Display Run dialog box</li> </ul>
Application key 	Opens the application's context menu (same as right-click).




## 2.4.2 Hot Keys



The notebook employs hot keys or key combinations to access most of the notebook's controls like screen contrast and brightness, volume output and the BIOS setup utility.

Hot Key	Function	Description
Fn-Esc	Hotkey Escape	Exits the hotkey control.
Fn-F1	Hotkey Help	Displays the hotkey list and help.
Fn-F2	Brightness Control  Contrast Control 	Toggles between brightness control and contrast control.  Press the scale hotkeys ( <b>Fn→</b> , <b>Fn←</b> ) to increase and decrease the brightness or contrast level.  Notebooks with TFT displays do not show the contrast control icon.
Fn-F3	Display Toggle	Switches display from LCD to CRT to both LCD and CRT.
Fn-F4	Battery Gauge 	Displays the battery gauge.

Hot Key	Function	Description
Fn-F5	Volume Control 	Press the scale hotkeys ( <b>Fn→</b> , <b>Fn←</b> ) to increase and decrease the output level.
Fn→	Scale Increase	Increases the setting of the current icon.
Fn←	Scale Decrease	Decreases the setting of the current icon.

### **Activating and Using Hot Keys**

When activating hot keys, press and hold the first key **Fn** before pressing the other keys in the hot key combination.

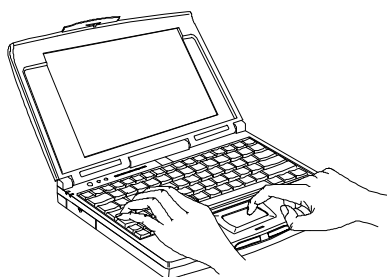
Some hot keys pop-up an onscreen icon. For hot keys with pop-up icons, press the scale hot keys (**Fn→** and **Fn←**) to increase and decrease the setting of the current icon.

### **Exiting Pop-up Icons and Screens**

Press hot key escape (**Fn-Esc**) to exit a pop-up icon resulting from a hot key. Press **Esc** to exit a screen resulting from a hot key.

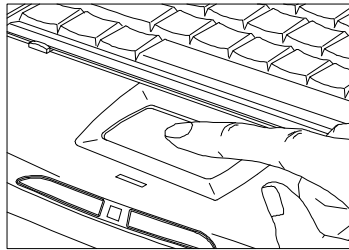
## **2.4.3 Keyboard Ergonomics**

Located below the keyboard, the wide and curved palm rest gives you a place to rest your hands while you type.



## 2.5 Touchpad

The built-in touchpad is an PS/2-compatible pointing device that senses movement on its surface. This means the cursor responds as you move your finger on the surface of the touchpad. The central location on the palm rest provides ample comfort and support.



*The touchpad works with most mouse drivers, but the bundled touchpad driver supports special functions that work uniquely with the touchpad.*

### Touchpad Basics

The following items teach you how to use the touchpad:

- Move your finger across the touchpad to move the cursor.
- Press the left and right buttons located on the edge of the touchpad to do selection and execution functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the touchpad produces similar results.

Function	Left Button	Right Button	Tap
Execution	Click twice quickly		Tap twice (at the same speed as double-clicking the mouse button)
Selection	Click once		Tap once
Drag	Click and hold to drag the cursor		Tap twice (at the same speed as double-clicking the mouse button) and hold finger to the touchpad on the second tap to drag the cursor
Access Context Menu		Click once	When Corner Taps is enabled, tap on the upper right corner of the touchpad.

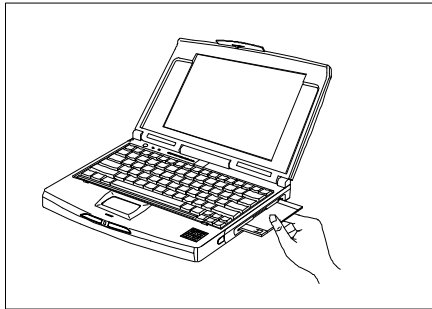


*Keep your fingers dry and clean when using the touchpad. Also keep the touchpad dry and clean.*

*The touchpad is sensitive to finger movements. Hence, the lighter the touch, the better the response. Tapping too hard will not increase the touchpad's responsiveness.*

## 2.6 Storage

High-capacity storage comes in the form of a 2.5-inch Enhanced-IDE hard disk. The notebook also has an internal 3.5-inch, 1.44MB floppy drive.



You can also connect an optional external CD-ROM drive. See section 4.7.3 for more information.

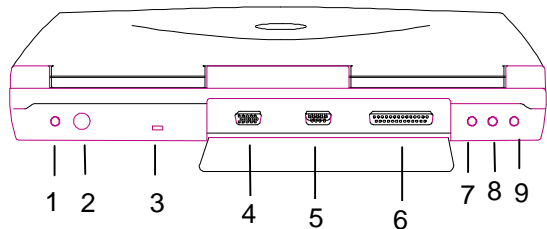
# 2.7 Ports

Ports allow you to connect peripheral devices to your notebook computer as you would with a desktop PC. The ports are found on the rear panel; PC card slots are found on the left panel of the notebook.






See Chapter 4 on how to connect external devices to the notebook.

## 2.7.1 Rear Ports



#	Icon	Port	Connects to...
1		DC-in Port	AC adapter and power outlet
2		PS/2 Port	PS/2-compatible device (e.g., PS/2 keyboard, keypad, mouse)
3		Security Notch	Kensington-compatible key-based computer security lock.
4		External CRT port	Monitor (up to 1024x768, 256-colors )
5		Serial Port (UART16650-compatible)	Serial device (e.g., serial mouse)
6		Parallel Port (EPP/ECP-compliant)	Parallel device (e.g., parallel printer)

#	Icon	Port	Connects to...
7		Line-in Port	Line-in device (e.g., audio CD player, stereo walkman)
8		Microphone-in Port	External 3.5mm minijack condenser microphone
9		Line-out Port	Line-out device (e.g., speakers, headphones)

## 2.7.2 PC Card Slots

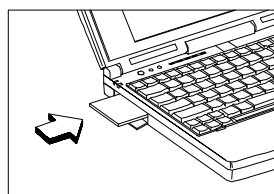
There are two type II or one type III PC Card slots found on the left panel of the notebook. These slots accept credit-card-sized cards that enhance the usability and expandability of the notebook.

PC cards are add-on cards for portable computers, giving you expansion possibilities long afforded by desktop PCs. Popular type II cards include flash memory, SRAM, fax/data modem, LAN and SCSI cards. Common type III cards are 1.8-inch ATA drives and cellular modems. Cardbus improve on the 16-bit PC card technology by expanding the bandwidth to 32 bits.



*Refer to your card's user's manual for details on how to install and use the card and its functions.*

### Inserting a Card



Insert the card into the desired slot and make the proper connections (e.g., network cable), if necessary. See your card manual for details.

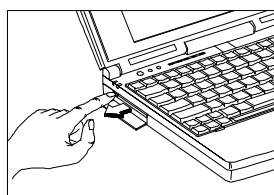
For type III, insert card into the lower slot.



*If the notebook detects a PC I/O card (e.g., modem card) installed in the PC card slots, the notebook can only enter standby mode, and not hibernation mode.*

### **Ejecting a Card**

Exit the application using the card, then follow these steps:

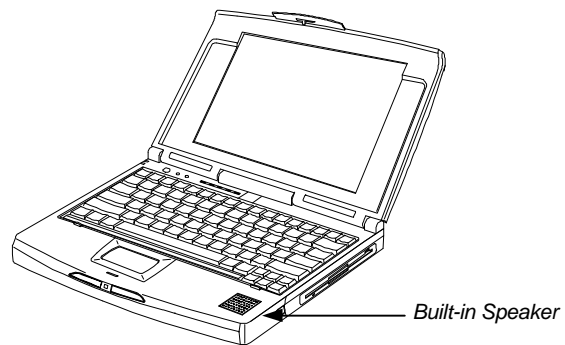


Press the slot eject button to eject the card.



## 2.8 Audio

Standard notebook configuration includes 16-bit stereo audio which is compatible with Sound Blaster and Sound Blaster Pro. A single speaker found on the right side of the palm rest direct sound towards you which allows for excellent sound output.



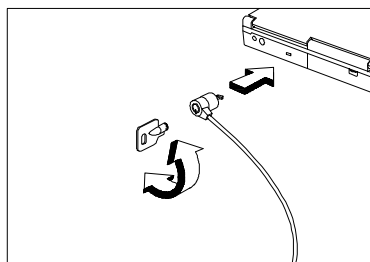
Besides the built-in speaker, there are audio ports on the rear panel of the notebook. See section 4.5 for more information.

## 2.9 Securing your Notebook

Security features include hardware and software locks — a security notch and a two-level password scheme.

### 2.9.1 Security Notch

A security notch located on the rear panel of the notebook lets you connect a Kensington-compatible key-based computer security lock.



Circle or wrap a computer security lock cable around an immovable object such as a table or locked drawer handle. Insert the lock into the notch and turn the key to secure the lock.

### 2.9.2 Passwords

A two-level password scheme protects your notebook from unauthorized access. When set, no one can access the notebook without entering the correct password. For information on how to set passwords, see section 6.1.4.