Notebook PC

Users' Guide

Model

M500B1

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Notebook Computer User's guide
Original Issue: June 2002

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Record the model number, serial number, purchase date, and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number, and purchase information.

Notebook Computer

Model Number : _____

Serial Number:_____

Purchase Date: _____

Place of Purchase: _____

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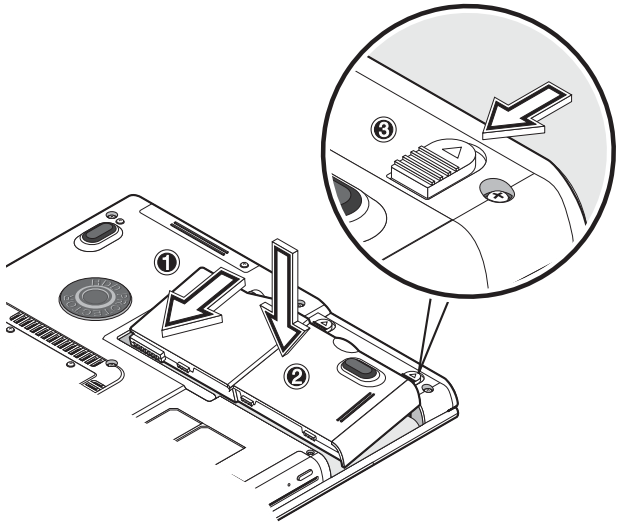
Preface

This notebook computer incorporates such features as CardBus, internal pointing device, IEEE 1394, and Universal Serial Bus in an portable package.
This manual should answer most of the questions you have about the day-to-day operation of your notebook computer.
You should also take advantage of the online help files that are available with almost all of the programs shipped with your computer.
We hope you enjoy your notebook computer. With proper care, your computer will provide you with years of productive service.

Connecting the computer

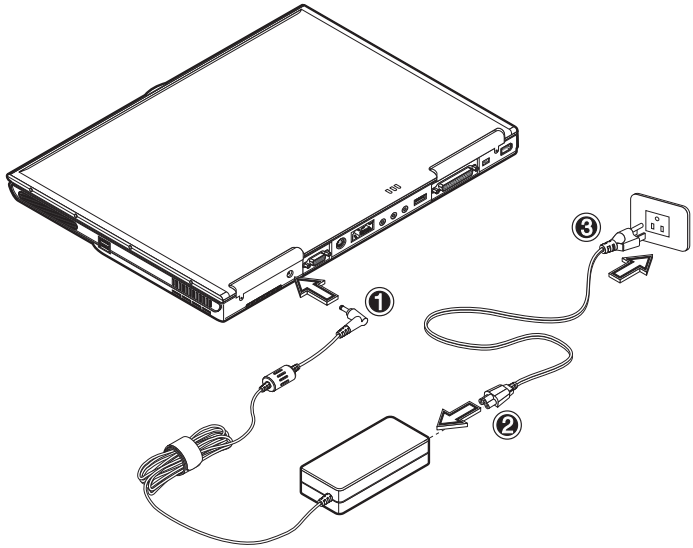
Connecting the computer is as easy as 1-2-3.

1. Insert the battery at an angle (1); press gently on the battery (2) until it click into place. Then slide the lock/unlock latch into the lock position (3).



Note: When using a battery pack for the first time, fully recharge the battery, then disconnect the adapter to use up the battery before recharging again. Perform this action twice to condition the battery pack.

2. Connect one end of the AC adapter to the DC-in port on the computer's rear panel and the other end to a properly grounded power outlet.



3. Slide the display cover latch to the left (1) to open the display (2). Press the power switch (3) to turn on the power. The POST (power-on self-test) routine executes and Windows begins loading.

Note: To turn off the power, we recommend that you use the Windows Turn Off command to shut down the computer. If you are unable to shut down your computer normally, press and hold the power switch for more than four seconds to turn off the computer. If you turn off the computer and want to turn it on again, wait at least two seconds before powering up.

Care and maintenance

Taking care of your computer

Your computer will serve you well if you take care of it.

- Do not expose the computer to direct sunlight. Do not place it near sources of heat, such as a radiator.
- Do not expose the computer to temperatures below 0ºC (32ºF) or above 50ºC (122ºF).
- Do not subject the computer to magnetic fields.
- Do not expose the computer to rain or moisture.
- Do not spill water or any liquid on the computer.
- Do not subject the computer to heavy shock and vibration.
- Do not expose the computer to dust and dirt.
- Never place objects on top of the computer to avoid damaging the computer.
- Never place the computer on uneven surfaces.

Taking care of your AC adapter

Here are some ways to take care of your AC adapter:

- Do not connect the adapter to any other device.
- Do not step on the power cord or place heavy objects on top of it. Carefully route the power cord and any cables away from all potential traffic.
- When unplugging the power cord, do not pull on the cord itself but pull on the plug.
- The total ampere ratings of the equipment plugged in should not exceed the ampere rating of the cord if you are using an extension cord. Also, the total current rating of all equipment plugged into a single wall outlet should not exceed the fuse rating.

Taking care of your battery pack

Here are some ways to take care of your battery pack:

- Use only batteries of the same kind as replacements. Turn the power off before removing or replacing batteries.
- Do not tamper with batteries. Keep them away from children.
- Dispose of used batteries according to local regulations. Recycle if at all possible.

Cleaning and servicing

When cleaning the computer, follow these steps:

1. Power off the computer and remove the battery pack.
2. Disconnect the AC adapter.
3. Use a soft cloth moistened with water. Do not use liquid or aerosol cleaners.

Contact your dealer or see your service technician if any of the following occurs:

- The computer has been dropped or the body has been damaged.
- Liquid has been spilled into the product.
- The computer does not operate normally.

1 Getting familiar with your computer

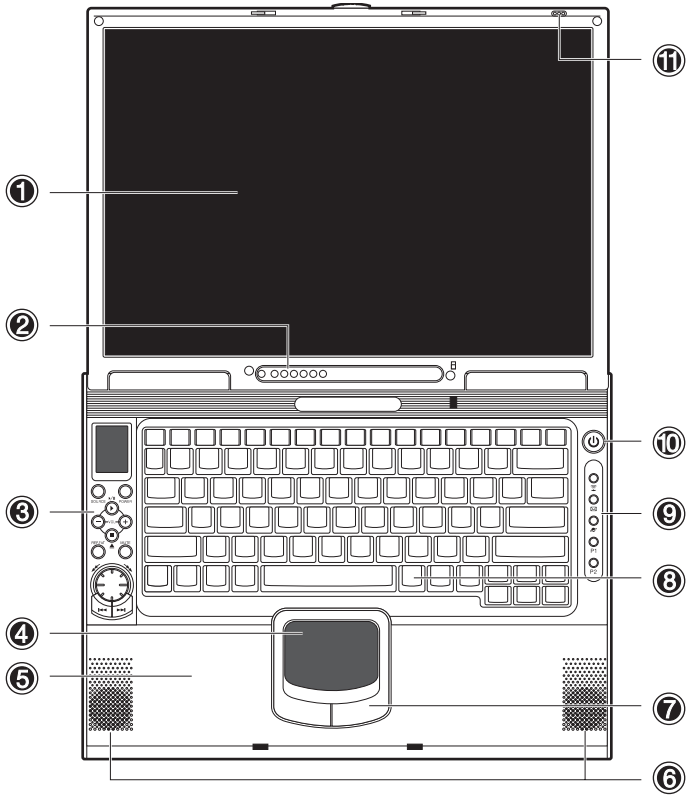
This computer combines high-performance, versatility, power management features and multimedia capabilities with a unique style and ergonomic design. Work with unmatched productivity and reliability with your new power computing partner.

This chapter gives an in-depth "tour" of the computer's many features.

A tour of your computer

Let us show you around your new notebook computer.

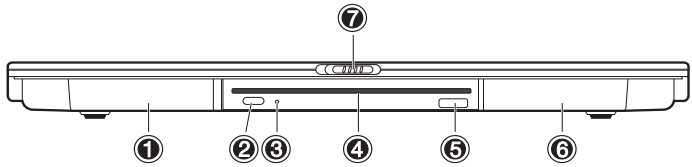
Top view



#	Item	Description
1	Display screen	Also called LCD (liquid-crystal display), displays computer output.
2	Status indicator	LEDS (light-emitting diodes) that turn on and off to show the status of the computer and its functions and components.

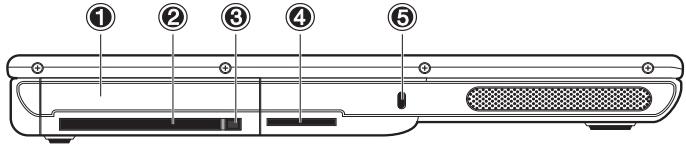
#	Item	Description
3	AV control panel	Control buttons for playing audio/video media.
4	Touchpad	Touch-sensitive pointing device which functions like a computer mouse.
5	Palmrest	Comfortable support area for your hands when you use the computer.
6	Speakers	Outputs sound.
7	Click buttons (left, center and right)	The left and right buttons function like the left and right mouse buttons; the center button serves as a 4-way scroll button.
8	Keyboard	Inputs data into your computer.
9	Launch keys	Buttons for launching frequently used programs. See “Launch keys” on page 23 for more details.
10	Power button	Turns on the computer power.
11	Microphone	Inputs sounds and voices into your computer.

Front view



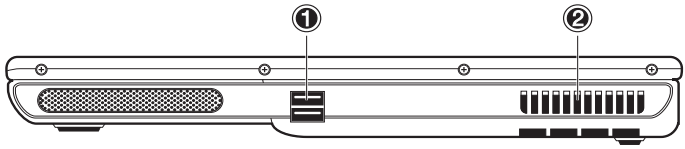
#	Item	Description
1	Battery bay	Houses the computer's battery pack.
2	Eject button	Ejects the CD/DVD disk.
3	LED indicator	Lights up when the DVD/CD-RW combo drive is active.
4	Drive slot	Slot for inserting a CD or DVD.
5	Infrared port	Interfaces with infrared devices (e.g., infrared printer, IR-aware computer).
6	Expansion module	Module for optional second hard disk or optional subwoofer.
7	Display cover latch	Unlatch to open the LCD display.

Left view



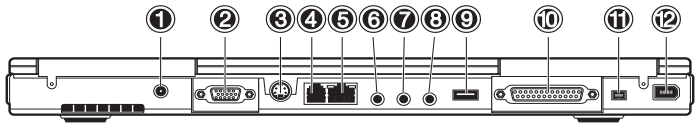
#	Item	Description
1	Hard disk Bay	Houses the computer's hard disk.
2	PC Card slot	Accepts one Type II 16-bit PC Card or 32-bit CardBus PC Card with ZV support.
3	PC Card eject button	Ejects the PC Card from its slot.
4	SD slot	Accepts Secured Digital (SD) memory card.
5	Security keylock	Connects to a Kensington-compatible computer security lock.

Right view



#	Item	Description
1	USB ports	Connect to a USB devices (e.g., USB mouse).
2	Fan slots	Keep the computer cool. Do not cover these slots to prevent the computer from overheating.

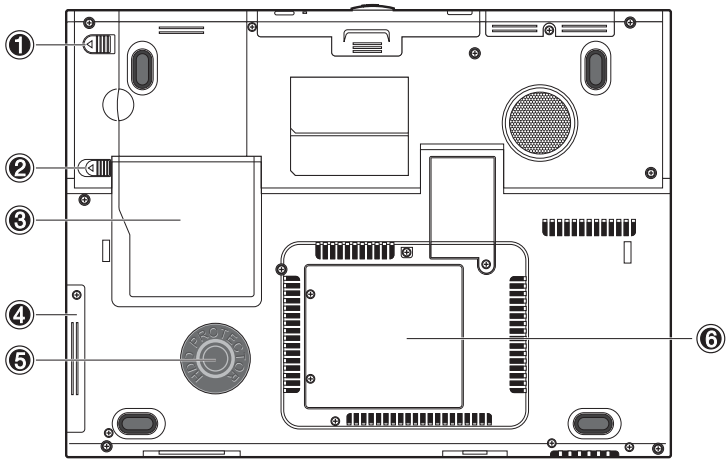
Rear view



#	Item	Description
1	DC-in jack	Connects to an AC adapter.
2	External monitor port	Connects to a display monitor (up to 2048x1536 resolution).
3	S-video port	Connects to a television or display device with S-video input.

#	Item	Description
4	Modem jack	Connects a phone line (only for models with an internal fax/data modem).
5	Network jack	Connects to an Ethernet 10/100-based network.
6	Microphone-in jack	Connects to a microphone; supports S/PDIF (Sony/ Philips Digital Interface) digital input
7	Line-in jack	Accepts audio line-in devices (e.g., audio CD player, stereo walkman).
8	S/PDIF line-out jack	Connects to S/PDIF audio line-out devices (e.g., speakers, headphones).
9	USB port	Connect to a USB devices (e.g., USB digital camera).
10	Parallel port	Connects to a parallel device (e.g., parallel printer).
11	IEEE 1394 port (4-pin)	Connects to a IEEE 1394-compatible (4-pin) device (e.g., digital video camera).
12	IEEE 1394 port (6-pin)	Connects to a IEEE 1394-compatible (6-pin) device (e.g., digital video camera).

Bottom view



#	Item	Description
1	Battery lock/unlock latch	Locks/unlocks the battery pack.
2	Battery release latch	Unlatches the battery to remove the battery pack.
3	Battery bay	Houses the computer's battery pack.
4	Hard disk bay	Houses the computer's hard disk.
5	Hard disk protector	Protects the hard disk from accidental bumps and vibrations.
6	Memory compartment	Houses the computer's main memory.

Features

This computer was designed with the user in mind. Here are just a few of its many features:

Performance

- Mobile Intel® Pentium™ 4 Processor - M with Enhanced Intel® SpeedStep™ technology
- 512K on-die L2 cache
- 15.2” 15:10 SXGA (1280x854) widescreen TFT LCD panel
- nVidia® GeForce4 Go™ high-performance graphics chipset with 32MB frame buffer
- Onboard memory upgradable to 1024 MB with 2 DDR-266 SoDIMM
- High-capacity, Enhanced-IDE hard disk
- Lithium Ion battery pack
- Power management system
- Dual display capability
- Simultaneous LCD and CRT display
- LCD panel supports resolution up to 1280x854
- VGA monitor supports resolution up to 2048x1536
- Embedded TV encoder supports resolution up to 1024x768

Multimedia

- AV control panel
- Playback MP3 through SD, HDD or Audio CD with system off
- Audio Codec support stereo 18-bit ADC/20-bit DAC
- AC’97 2.2 compliant stereo audio
- S/PDIF line-out jack
- Enhanced audio system with 2 speakers and an optional subwoofer
- Built-in microphone
- Slot-loading DVD/CD-RW combo drive
- S-video output port