

Notebook Tour

User Guide

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First Edition: September 2007

Document Part Number: 455048-001

Safety warning notice

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- ⚠ **WARNING!** To reduce the possibility of heat-related injuries or of overheating the computer, do not place the computer directly on your lap or obstruct the computer air vents. Use the computer only on a hard, flat surface. Do not allow another hard surface, such as an adjoining optional printer, or a soft surface, such as pillows or rugs or clothing, to block airflow. Also, do not allow the AC adapter to contact the skin or a soft surface, such as pillows or rugs or clothing, during operation. The computer and the AC adapter comply with the user-accessible surface temperature limits defined by the International Standard for Safety of Information Technology Equipment (IEC 60950).
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Table of contents

1 Identifying hardware

2 Components

Product notice	3
Top components	3
TouchPad	3
Lights	4
Buttons and speakers	5
Keys	6
Front components	8
Rear components	9
Right-side components	10
Left-side components	11
Bottom components	12
Display components	13
Wireless antennae (select models only)	14
Additional hardware components	15

3 Labels


Index	17
-------------	----

1 Identifying hardware

To see a list of hardware installed in the computer, follow these steps:

1. Select **Start > Computer > System properties**.
2. In the left pane, click **Device Manager**.

You can also add hardware or modify device configurations using Device Manager.

 **NOTE:** Windows® includes the User Account Control feature to improve the security of your computer. You may be prompted for your permission or password for tasks such as installing applications, running utilities, or changing Windows settings. Refer to Windows online Help for more information.

2 Components

Product notice

This user guide describes features that are common to most models. Some features may not be available on your computer.

Top components

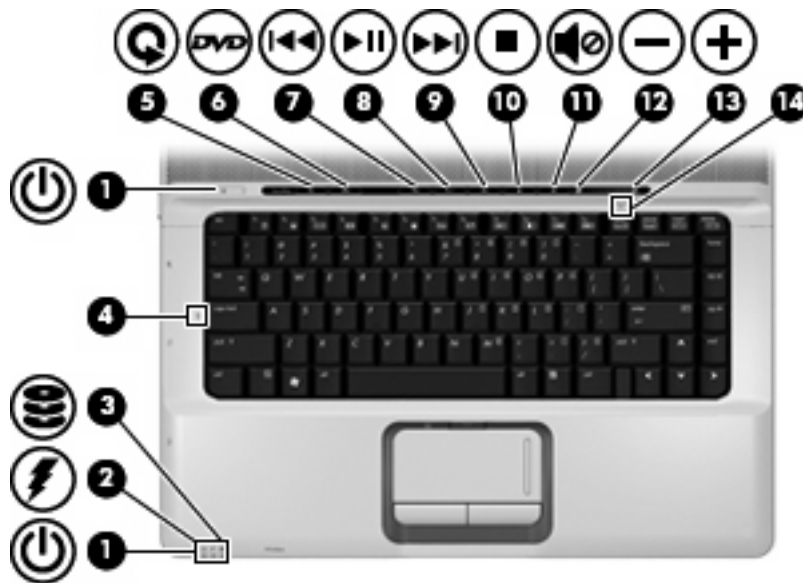
TouchPad



Component	Description
(1) TouchPad light	<ul style="list-style-type: none">• Blue: TouchPad is enabled.• Amber: TouchPad is disabled.
(2) TouchPad*	Moves the pointer and selects or activates items on the screen.
(3) Left TouchPad button*	Functions like the left button on an external mouse.
(4) Right TouchPad button*	Functions like the right button on an external mouse.
(5) TouchPad scroll zone*	Scrolls up or down.
(6) TouchPad on/off button	Enables/disables the TouchPad.

*This table describes factory settings. To view and change pointing device preferences, select **Start > Control Panel > Hardware and Sound > Mouse**.

Lights



Component	Description
(1) Power lights (2)*	<ul style="list-style-type: none"> On: The computer is on. Blinking: The computer is in the Sleep state. Off: The computer is off or in Hibernation.
(2) Battery light	<ul style="list-style-type: none"> On: A battery is charging. Blinking: A battery that is the only available power source has reached a low battery level or a critical battery level. Off: If the computer is plugged into an external power source, the light is turned off when all batteries in the computer are fully charged. If the computer is not plugged into an external power source, the light stays off until the battery reaches a low battery level.
(3) Drive light	Blinking: The hard drive or optical drive is being accessed.
(4) Caps lock light	On: Caps lock is on.
(5) Media button light	Turns on when the media button is pressed.
(6) DVD button light	Turns on when the DVD button is pressed.
(7) Previous/rewind light	Turns on when the previous/rewind button is pressed.
(8) Play/pause light	Turns on when the play/pause button is pressed.
(9) Next/fast forward light	Turns on when the next/fast forward button is pressed.
(10) Stop light	Turns on when the stop button is pressed.
(11) Volume mute light	<ul style="list-style-type: none"> Blue: Computer sound is turned on. Amber: Computer sound is turned off.
(12) Volume down light	Blinking: The volume scroll zone is being used to decrease speaker volume.

Component	Description
(13) Volume up light	Blinking: The volume scroll zone is being used to increase speaker volume.
(14) Num lock light	On: Num lock is on or the embedded numeric keypad is enabled.

*The 2 power lights display the same information. The light on the power button is visible only when the computer is open. The power light on the front of the computer is visible whether the computer is open or closed.

Buttons and speakers



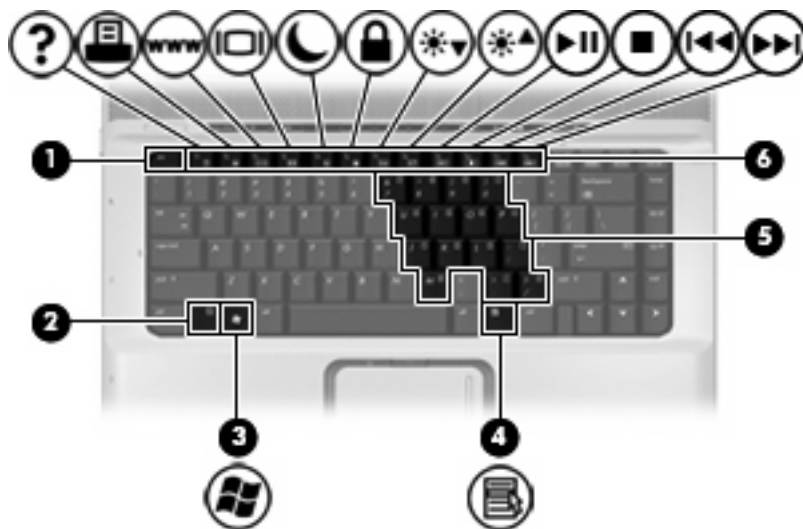
Component	Description
(1) Power button*	<ul style="list-style-type: none"> When the computer is off, press the button to turn on the computer. When the computer is on, press the button to initiate Sleep. When the computer is in the Sleep state, press the button briefly to exit Sleep. When the computer is in Hibernation, press the button briefly to exit Hibernation. <p>If the computer has stopped responding and Windows® shutdown procedures are ineffective, press and hold the power button for at least 5 seconds to turn off the computer.</p> <p>To learn more about your power settings, select Start > Control Panel > System and Maintenance > Power Options.</p>
(2) Speakers (2)	Produce sound.
(3) Media button	<p>Launches the QuickPlay program.</p> <p>NOTE: If the computer has been set up to require a logon password, you may be asked to log on to Windows. QuickPlay launches after you log on. Refer to the QuickPlay online Help for more information.</p>

Component	Description
(4) DVD button	<p>Launches the DVD playback feature of the QuickPlay program.</p> <p>NOTE: If the computer has been set up to require a logon password, you may be asked to log on to Windows. QuickPlay launches after you log on. Refer to the QuickPlay online Help for more information.</p>
(5) Previous/rewind button	<ul style="list-style-type: none"> Plays the previous track or chapter when the button is pressed once. Rewinds media when the button is pressed simultaneously with the fn key.
(6) Play/pause button	Plays or pauses the disc.
(7) Next/fast forward button	<ul style="list-style-type: none"> Plays the next track or chapter when the button is pressed once. Fast forwards media when pressed simultaneously with the fn key.
(8) Stop button	Stops the disc.
(9) Volume mute button	Mutes and restores speaker sound.
(10) Volume scroll zone	Adjusts speaker volume. Slide your finger to the left to decrease volume and to the right to increase volume. You can also tap the minus sign on the scroll zone to decrease volume, or tap the plus sign on the scroll zone to increase volume.

*This table describes factory settings. For information about changing factory settings, refer to the user guides located in Help and Support.

Keys

NOTE: Your computer may look slightly different from the illustration in this section.



Component	Description
(1) <code>esc</code> key	Displays system information when pressed in combination with the <code>fn</code> key.
(2) <code>fn</code> key	Executes frequently used system functions when pressed in combination with a function key or the <code>esc</code> key.
(3) Windows logo key	Displays the Windows Start menu.
(4) Windows applications key	Displays a shortcut menu for items beneath the pointer.
(5) Embedded numeric keypad keys	Can be used like the keys on an external numeric keypad.
(6) Function keys	Execute frequently used system functions when pressed in combination with the <code>fn</code> key.

Front components



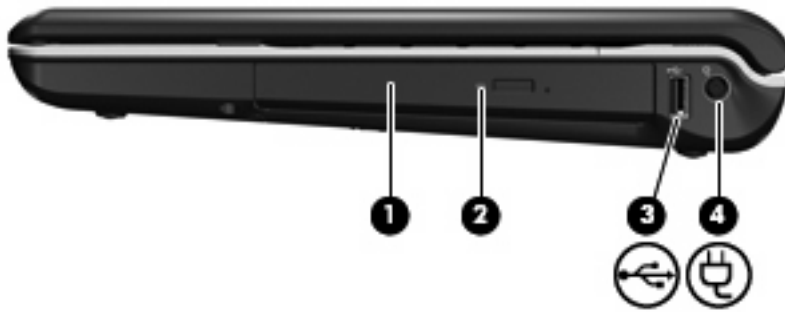
Component	Description
(1) Wireless switch	Turns the wireless feature on or off, but does not create a wireless connection. NOTE: To establish a wireless connection, a wireless network must already be set up.
(2) Wireless light	<ul style="list-style-type: none">• Blue: An integrated wireless device, such as a wireless local area network (LAN) device and/or a Bluetooth® device, is turned on.• Amber: An integrated wireless device is turned off.
(3) Consumer infrared lens	Receives a signal from a remote control device, such as an HP Remote Control.
(4) Audio-in (microphone) jack	Connects an optional computer headset microphone, stereo array microphone, or monaural microphone.
(5) Audio-out (headphone) jack	Produces sound when connected to optional powered stereo speakers, headphones, ear buds, a headset, or television audio.
(6) Audio-out (headphone) jack	Produces sound when connected to optional powered stereo speakers, headphones, ear buds, a headset, or television audio.

Rear components



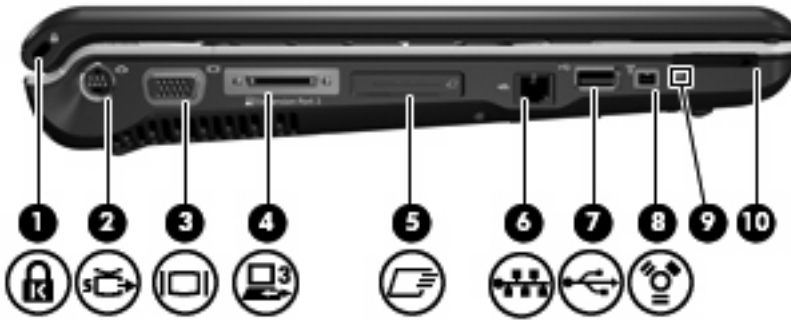
Component	Description
Vent	Enables airflow to cool internal components. NOTE: The computer fan starts up automatically to cool internal components and prevent overheating. It is normal for the internal fan to cycle on and off during routine operation.

Right-side components



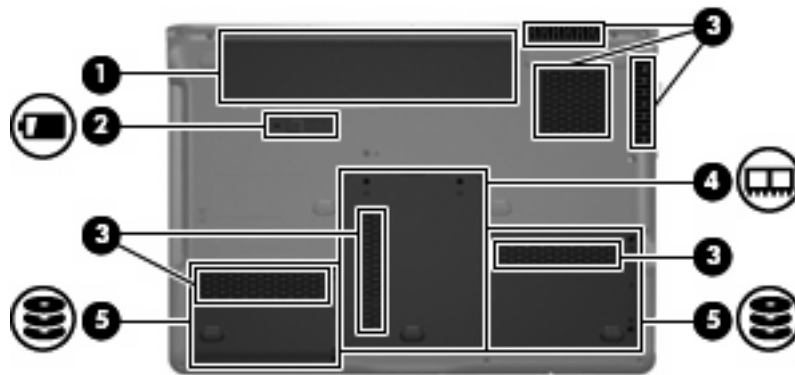
Component	Description
(1) Optical drive	Reads optical discs and, on select models, also writes to optical discs.
(2) Optical drive light	Blinking: The optical drive is being accessed.
(3) USB port	Connects an optional USB device.
(4) Power connector	Connects an AC adapter.

Left-side components



Component	Description
(1) Security cable slot	Attaches an optional security cable to the computer. NOTE: The security cable is designed to act as a deterrent, but may not prevent the computer from being mishandled or stolen.
(2) S-Video-out jack	Connects an optional S-Video device such as a television, VCR, camcorder, overhead projector, or video capture card.
(3) External monitor port	Connects an external VGA monitor or projector.
(4) Expansion port 3	Connects the computer to an optional docking device or optional expansion product. NOTE: The computer has only one expansion port. The term <i>expansion port 3</i> describes the type of expansion port.
(5) ExpressCard/34 slot	Supports optional ExpressCard/34 cards.
(6) RJ-45 (network) jack	Connects a network cable. NOTE: On select computer models, the network jack provides Gigabit Ethernet functionality.
(7) USB port	Connects an optional USB device.
(8) 1394 port	Connects an optional IEEE 1394 or 1394a device, such as a camcorder.
(9) Digital Media Slot light	On: A digital card is being accessed.
(10) Digital Media Slot	Supports the following optional digital card formats: <ul style="list-style-type: none"> • Memory Stick (MS) • Memory Stick Pro (MSP) • MultiMediaCard (MMC) • Secure Digital Input/Output (SD/IO) • Secure Digital (SD) Memory Card • xD-Picture Card (XD) • xD-Picture Card (XD) Type H • xD-Picture Card (XD) Type M

Bottom components



Component	Description
(1) Battery bay	Holds the battery.
(2) Battery release latch	Releases the battery from the battery bay.
(3) Vents (6)	Enable airflow to cool internal components. NOTE: The computer fan starts up automatically to cool internal components and prevent overheating. It is normal for the internal fan to cycle on and off during routine operation.
(4) Memory module compartment	Contains the memory module slots.
(5) Hard drive bays (2)	Hard drive bays hold the hard drives.

Display components




Component	Description
(1) Internal display switch*	Turns off the display if the display is closed while the computer is on.
(2) Internal microphones (2)	Record sound. NOTE: If there is a microphone icon next to each microphone opening, your computer has internal microphones.
(3) Integrated camera light (select models only)	On: The integrated camera is in use.
(4) Integrated camera (select models only)	Records video and captures still photographs.

*Depending on your computer model, the internal display switch on the computer may vary in location.

Wireless antennae (select models only)

On select computer models, at least 2 antennae send and receive signals from one or more wireless devices. These antennae are not visible from the outside of the computer.



 **NOTE:** For optimal transmission, keep the areas immediately around the antennae free from obstructions.

To see wireless regulatory notices, refer to the section of the *Regulatory, Safety and Environmental Notices* that applies to your country or region. These notices are located in Help and Support.

Additional hardware components



Component	Description
(1) Power cord*	Connects an AC adapter to an AC outlet.
(2) AC adapter	Converts AC power to DC power.
(3) Battery*	Powers the computer when the computer is not plugged into external power.

*Batteries and power cords vary in appearance by region and country.

3 Labels

The labels affixed to the computer provide information you may need when you troubleshoot system problems or travel internationally with the computer.

- Service tag—Provides the product brand and series name, serial number (s/n), and product number (p/n) of your computer. Have this information available when you contact technical support. The service tag label is affixed to the bottom of the computer.
- Microsoft® Certificate of Authenticity—Contains the Windows® Product Key. You may need the Product Key to update or troubleshoot the operating system. This certificate is affixed to the bottom of the computer.
- Regulatory label—Provides regulatory information about the computer. The regulatory label is affixed inside the battery bay.
- Wireless certification label(s) (select models only)—Provide information about optional wireless devices and the approval markings of some of the countries in which the devices have been approved for use. An optional device may be a wireless local area network (WLAN) device or an optional Bluetooth® device. If your computer model includes one or more wireless devices, one or more certification labels are included with your computer. You may need this information when traveling internationally. Wireless certification labels are affixed inside the memory module compartment.

Index

Symbols/Numerics

1394 port, identifying 11

A

AC adapter, identifying 15
antennae 14
applications key, Windows 7
audio-in (microphone) jack,
identifying 8
audio-out (headphone) jack,
identifying 8

B

battery bay 16
battery bay, identifying 12
battery light, identifying 4
battery release latch,
identifying 12
battery, identifying 15
bays
 battery 12, 16
 hard drive 12
Bluetooth label 16
buttons
 DVD 6
 media 5
 next/fast forward 6
 play/pause 6
 power 5
 previous/rewind 6
 stop 6
 TouchPad 3
 TouchPad on/off 3
 volume mute 6

C

camera, identifying 13
caps lock light, identifying 4
Certificate of Authenticity label 16

compartment, memory
 module 12
components
 additional hardware 15
 bottom 12
 display 13
 front 8
 left-side 11
 rear 9
 right-side 10
 top 3
connector, power 10
cord, power 15

D

Digital Media Slot, identifying 11
display switch, identifying 13
drive light, identifying 4
drives
 hard drive 12
 optical drive 10
DVD button light, identifying 4
DVD button, identifying 6

E

esc key, identifying 7
expansion port, identifying 11
external monitor port,
identifying 11

F

fn key, identifying 7
function keys, identifying 7

H

hard drive bay, identifying 12

I

IEEE 1394 port, identifying 11
infrared lens, identifying 8

integrated camera light,
identifying 13
integrated camera, identifying 13
internal display switch,
identifying 13
internal microphones,
identifying 13

J

jacks
 audio-in (microphone) 8
 audio-out (headphone) 8
 RJ-45 (network) 11
 S-Video-out 11

K

keypad keys, identifying 7
keys
 esc 7
 fn 7
 function 7
 keypad 7
 Windows applications 7
 Windows logo 7

L

labels
 Bluetooth 16
 Microsoft Certificate of
 Authenticity 16
 regulatory 16
 service tag 16
 wireless certification 16
 WLAN 16
latch, battery release 12
lights
 battery 4
 caps lock 4
 drive 4
 DVD button 4

- integrated camera 13
 - media button 4
 - mute 4
 - next/fast forward 4
 - num lock 5
 - optical drive 10
 - play/pause 4
 - power 4
 - previous/rewind 4
 - stop 4
 - TouchPad 3
 - volume down 4
 - volume mute 4
 - volume up 5
 - wireless 8
- M**
- media activity buttons, identifying 6
 - media activity lights, identifying 4
 - media button light, identifying 4
 - media button, identifying 5
 - memory module compartment, identifying 12
 - Microsoft Certificate of Authenticity label 16
 - monitor port, external 11
 - mute button, identifying 6
 - mute light, identifying 4
- N**
- next/fast forward button, identifying 6
 - next/fast forward light, identifying 4
 - num lock light, identifying 5
- O**
- operating system
 - Microsoft Certificate of Authenticity label 16
 - Product Key 16
 - optical drive light, identifying 10
 - optical drive, identifying 10
- P**
- play/pause button, identifying 6
 - play/pause light, identifying 4
 - ports
 - 1394 11
 - expansion 11
 - external monitor 11
 - USB 10, 11
 - power button, identifying 5
 - power connector, identifying 10
 - power cord, identifying 15
 - power lights, identifying 4
 - previous/rewind button, identifying 6
 - previous/rewind light, identifying 4
 - Product Key 16
 - product name and number, computer 16
- R**
- regulatory information
 - regulatory label 16
 - wireless certification labels 16
 - RJ-45 (network) jack, identifying 11
- S**
- S-Video-out jack, identifying 11
 - scrolling regions, TouchPad 3
 - security cable slot, identifying 11
 - serial number, computer 16
 - service tag 16
 - slots
 - Digital Media 11
 - memory module 12
 - security cable 11
 - speakers, identifying 5
 - stop button, identifying 6
 - stop light, identifying 4
- T**
- TouchPad
 - buttons 3
 - identifying 3
 - scrolling regions 3
 - TouchPad light, identifying 3
 - TouchPad on/off button 3
 - traveling with the computer
 - wireless certification labels 16
- U**
- USB ports, identifying 10, 11
- V**
- vents, identifying 9, 12
 - volume down light, identifying 4
 - volume mute button, identifying 6
 - volume mute light, identifying 4
 - volume scroll zone, identifying 6
 - volume up light, identifying 5
- W**
- Windows applications key, identifying 7
 - Windows logo key, identifying 7
 - wireless antennae 14
 - wireless certification label 16
 - wireless light, identifying 8
 - wireless switch, identifying 8
 - WLAN device 16
 - WLAN label 16

