Notebook Tour

User Guide

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Components

This chapter explains the hardware features of the computer.

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

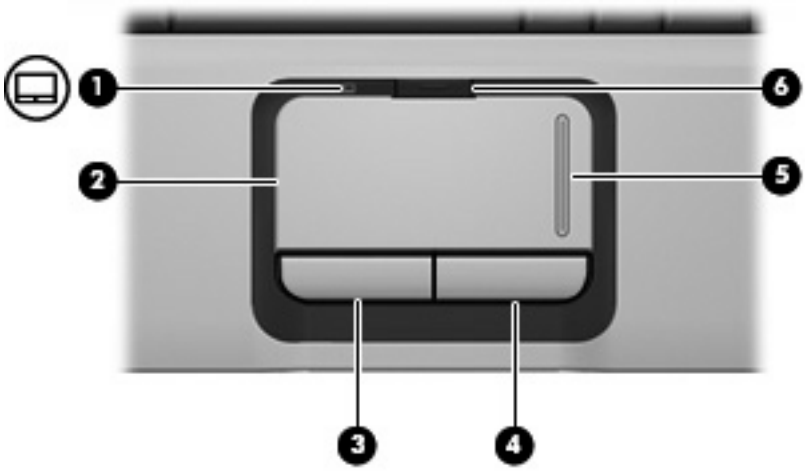
1. Select **Start > Computer > System properties**.
2. In the left pane, click **Device Manager**.

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

NOTE Components included with the computer may vary by region and by model. The illustrations in this chapter identify the standard features included in most computer models.

Top components

TouchPad



Component		Description
(1)	TouchPad light	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

NOTE Refer to the illustration that most closely matches your computer.

Component		Description
(1)	Power lights (2)*	On: The computer is on. Blinking: The computer is in the Sleep state. Off: The computer is off or in Hibernation.
(2)	Battery light	On: A battery is charging. Blinking: A battery that is the only available power source has reached a low battery level. When the battery reaches a critical battery level, the battery light begins blinking rapidly. Off: If the computer is plugged into an external power source, the light turns 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	Blinks once when the media button is pressed.
(6)	DVD button light	Blinks once when the DVD button is pressed.
(7)	Previous/rewind light	Blinks once when the previous/rewind button is pressed.
(8)	Play/pause light	Blinks once when the play/pause button is pressed.
(9)	Next/fast forward light	Blinks once when the next/fast forward button is pressed.
(10)	Stop light	Blinks once when the stop button is pressed.
(11)	Volume mute light	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.

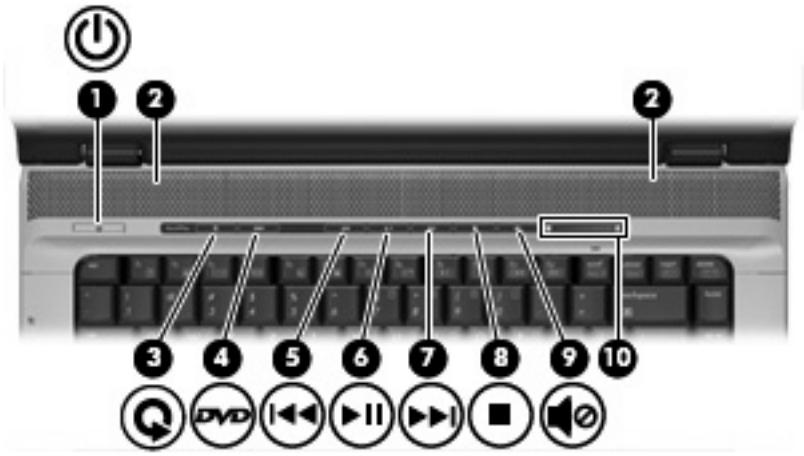
Component		Description
(1)	Power lights (2)*	On: The computer is on. Blinking: The computer is in the Sleep state. Off: The computer is off or in Hibernation.
(2)	Battery light	On: A battery is charging. Blinking: A battery that is the only available power source has reached a low battery level or a critical battery level. Off: If the computer is plugged into an external power source, the light turns 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	Blinks once when the media button is pressed.
(6)	Volume mute light	Blue: Computer sound is turned on. Amber: Computer sound is turned off.
(7)	Volume down light	Blinking: The volume scroll zone is being used to decrease speaker sound.
(8)	Volume up light	Blinking: The volume scroll zone is being used to increase speaker sound.

Component		Description
(9)	Num lock light	Blinking: 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

NOTE Refer to the illustration that most closely matches your computer.



Component		Description
(1)	Power button*	When the computer is off, press the power button to turn on the computer. If the computer has stopped responding and Windows® shutdown procedures cannot be used, press and hold the power button for at least 5 seconds to turn off the computer. To learn more about your power settings, select **Start > Control Panel > System and Maintenance > Power Options**.
(2)	Speakers (2)	Produce sound.
(3)	Media button	Launches the QuickPlay program. **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.
(4)	DVD button	Launches the DVD playback feature of the QuickPlay program. **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.
(5)	Previous/rewind button	• Plays the previous track or chapter when the button is pressed once. • Rewinds the disc when the button is pressed simultaneously with the fn key.
(6)	Play/pause button	Plays or pauses the disc.
(7)	Next/fast forward button	• Plays the next track or chapter. • Fast forwards the disc when pressed simultaneously with the fn key.

Component		Description
(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.

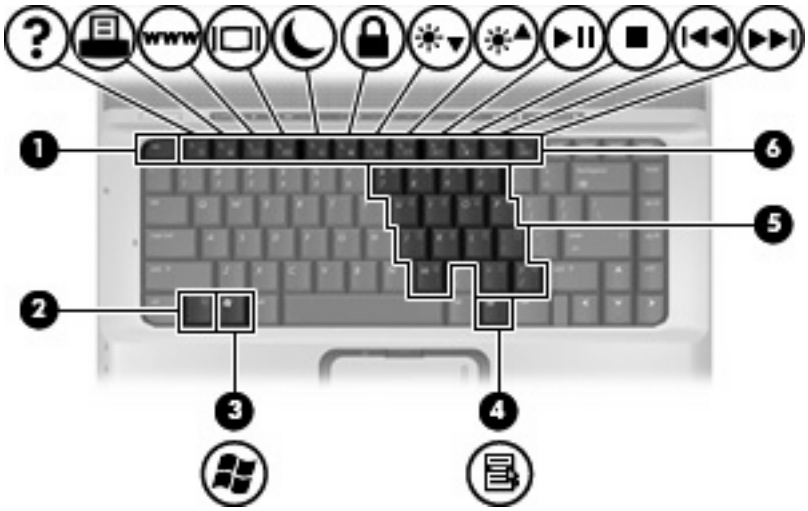
*This table describes factory settings. For information about changing factory settings, refer to the user guides located in Help and Support.

Component		Description
(1)	Power button*	When the computer is off, press the power button to turn on the computer. If the computer has stopped responding and Windows shutdown procedures cannot be used, press and hold the power button for at least 5 seconds to turn off the computer. To learn more about your power settings, select **Start > Control Panel > System and Maintenance > Power Options**.
(2)	Speakers (2)	Produce sound.
(3)	Media button	Launches the QuickPlay program. **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.
(4)	Volume mute button	Mutes and restores speaker sound.
(5)	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)	esc key	Displays system information when pressed in combination with the fn key.
(2)	fn key	Executes frequently used system functions when pressed in combination with a function key or the esc 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 fn key.

Hotkey quick reference

Function	Hotkey
Display system information.	fn+esc
Clear system information.	fn+esc or press enter
Open Help and Support.	fn+f1
Open the Print Options window.	fn+f2
Open a Web browser.	fn+f3
Alternate between computer display and external display.	fn+f4
Initiate Hibernation.	fn+f5
Initiate QuickLock.	fn+f6
Decrease screen brightness.	fn+f7

Function	Hotkey
Increase screen brightness.	fn+f8
Play, pause, or resume an audio CD or a DVD.	fn+f9
Stop an audio CD or a DVD.	fn+f10
Play the previous track or chapter on an audio CD or a DVD.	fn+f11
Play the next track or chapter on an audio CD or a DVD.	fn+f12

Front components

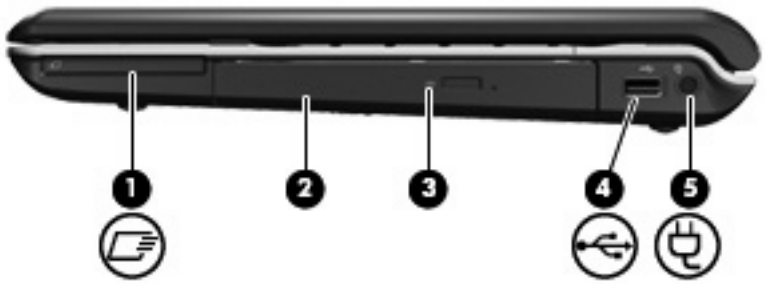
NOTE Your computer may look slightly different from the illustration in this section.

Component		Description
(1)	Wireless switch	Turns the wireless feature on or off, but does not create a wireless connection. **NOTE** A wireless network must be set up in order to establish a wireless connection.
(2)	Wireless light	Blue: An integrated wireless device, such as a wireless local area network (LAN) device and/or a Bluetooth® device, is turned on. Amber: All wireless devices are turned off.
(3)	Consumer infrared lens	Receives a signal from the 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	Produce sound when connected to optional powered stereo speakers, headphones, ear buds, a headset, or television audio.
(6)	Audio-out (headphone) S/PDIF jack (select models only)	Provides enhanced audio performance, including surround sound and other high-end audio output.

Rear components

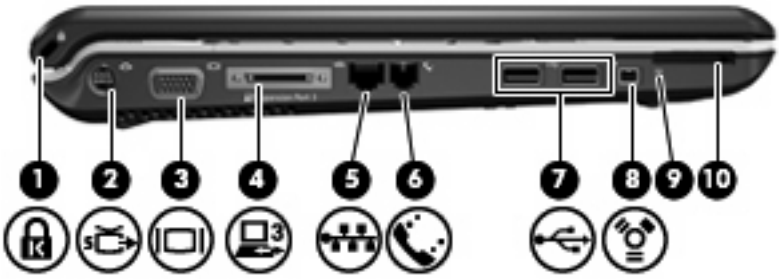
Component	Description
Vent	Enables airflow to cool internal components. **CAUTION** To prevent overheating, do not obstruct vents. Use the computer only on a hard, flat surface. Do not allow another hard surface, such as an adjoining optional printer, or a soft surface, such as pillows or thick rugs or clothing, to block airflow. **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



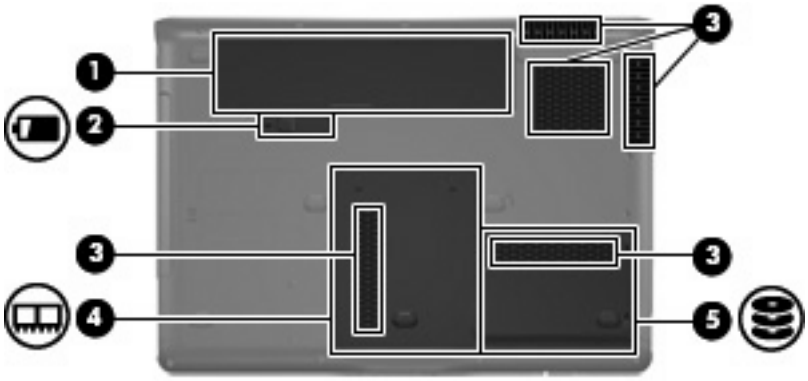
Component		Description
(1)	ExpressCard slot	Supports optional ExpressCard/54 cards.
(2)	Optical drive	Reads an optical disc.
(3)	Optical drive light	Blinking: The optical drive is being accessed.
(4)	USB port	Connect an optional USB device.
(5)	Power connector	Connects an AC adapter.

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 expansion product or docking device. **NOTE** The computer has only one expansion port. The term *expansion port 3* describes the type of expansion port.
(5)	RJ-45 (network) jack	Connects a network cable. **NOTE** On select computer models, the network jack provides Gigabit Ethernet functionality.
(6)	RJ-11 (modem) jack	Connects a modem cable.
(7)	USB port (1 or 2, depending on computer model)	Connect optional USB devices.
(8)	1394 port (select models only)	Connects an optional IEEE 1394 or 1394a device, such as a camcorder.
(9)	Digital Media Slot light (select models only)	On: A digital card is being accessed.
(10)	Digital Media Slot (select models only)	Supports the following optional digital card formats: Secure Digital (SD) Memory Card, MultiMediaCard (MMC), Secure Digital Input/Output (SD I/O), Memory Stick (MS), Memory Stick Pro (MSP), xD-Picture Card (XD), 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 (5)	Enable airflow to cool internal components. **CAUTION** To prevent overheating, do not obstruct 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 thick rugs or clothing, to block airflow. **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 bay	Holds the hard drive.

Display components

Component		Description
(1)	Internal display switch*	Turns off the display and initiates Sleep if the display is closed while the power is on.
(2)	Internal microphones (2) (select models only)	Record sound. **NOTE** A microphone icon next to each microphone opening indicates that the 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 photos.

*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.

To see wireless regulatory notices, refer to your country's section of the *Regulatory, Safety and Environmental Notices* located in Help and Support.

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

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.

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 Customer Care. The service tag label is affixed to the bottom of the computer.
- Microsoft Certificate of Authenticity—Contains the Microsoft® 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 to the bottom of the computer.
- Modem approval label—Provides regulatory information about the modem and lists the agency approval markings required by some of the countries in which the modem has been approved for use. You may need this information when traveling internationally. The modem approval label is affixed inside the hard drive 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.

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