

Notebook Tour

User Guide

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Product notice

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

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

Top components	2
TouchPad	2
Lights	3
Buttons	5
Keys	6
Front components	7
Rear component	8
Right-side components	9
Left-side components	10
Bottom components	11
Display components	12
Wireless antennae	13
Additional hardware components	14

3 Labels


Index	16
-------------	----

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 software, running utilities, or changing Windows settings. Refer to Help and Support for more information.

2 Components

Top components


TouchPad

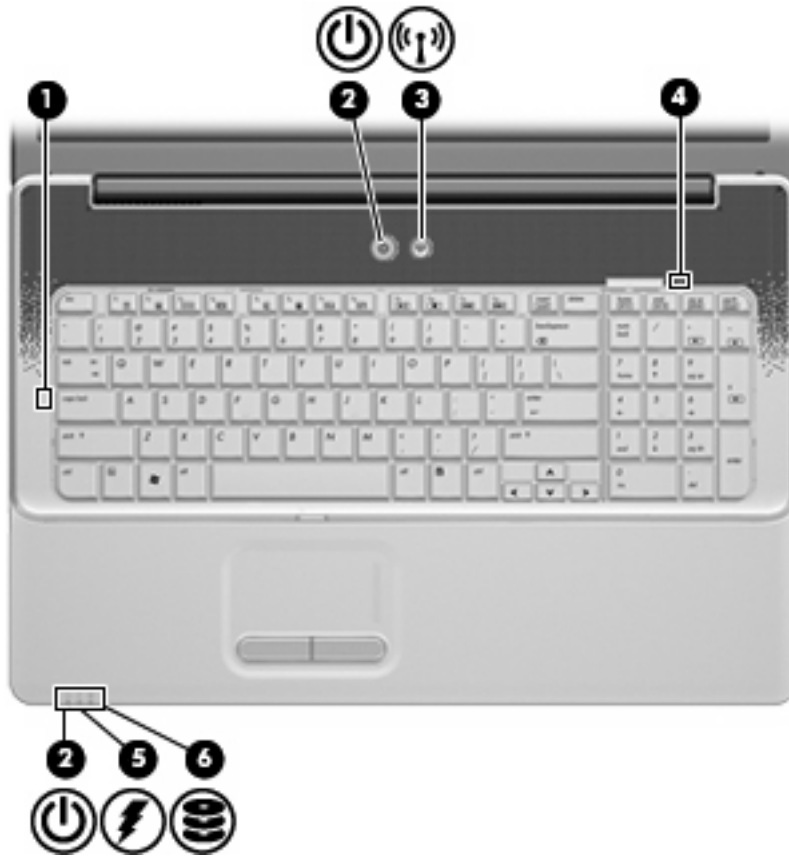


Component	Description
(1) TouchPad on/off button	Enables/disables the TouchPad.
(2) TouchPad*	Moves the pointer and selects or activates items on the screen.
(3) Left TouchPad button*	Functions like the left button on an external mouse.
(4) TouchPad light	<ul style="list-style-type: none">• White: TouchPad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

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

Lights

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




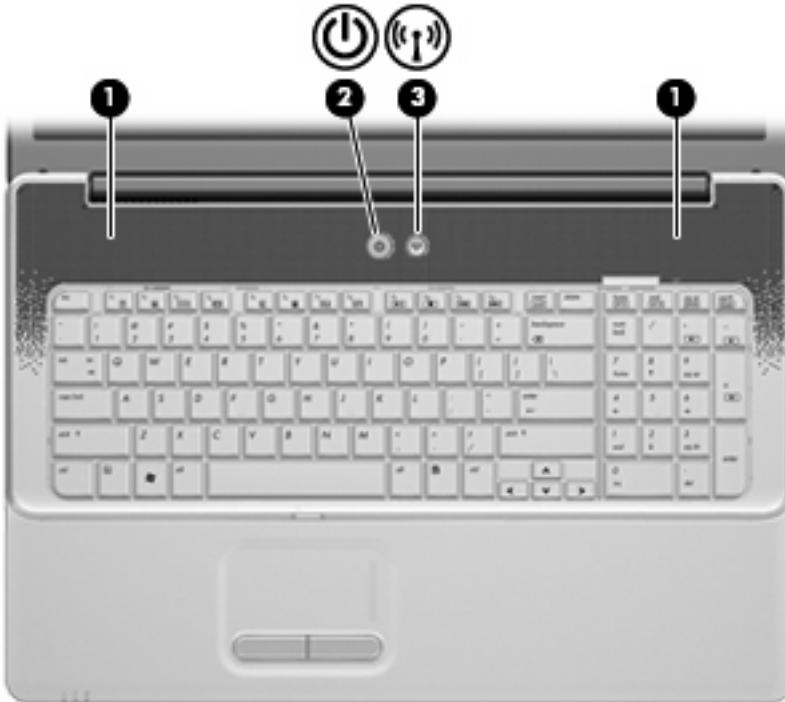
Component	Description
(1) Caps lock light	On: Caps lock is on.
(2) Power lights (2)*	<ul style="list-style-type: none">On: The computer is on.Blinking: The computer is in the Sleep state.Off: The computer is off or in Hibernation.
(3) Wireless light	<ul style="list-style-type: none">Blue: An integrated wireless device, such as a wireless local area network (WLAN) device and/or a Bluetooth® device, is on.Amber: All wireless devices are off.
(4) Num lock light	On: Num lock is on or the integrated numeric keypad is enabled.
(5) 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. 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 is turned off when all batteries in the computer are fully charged. If the computer is not plugged into an external

Component	Description
	power source, the light stays off until the battery reaches a low battery level.
(6) Drive light	Blinking: The hard drive or optical drive is being accessed.

*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


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

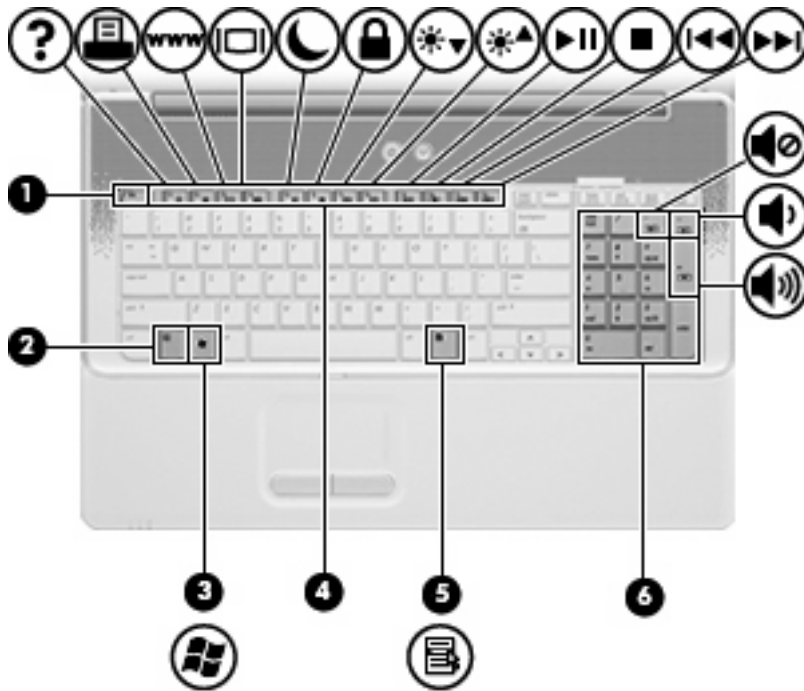


Component	Description
(1) Speakers (2)	Produce sound.
(2) Power button*	<ul style="list-style-type: none">• When the computer is off, press the button to turn on the computer.• When the computer is on, press the button briefly to initiate Sleep.• When the computer is in the Sleep state, press the button 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>
(3) Wireless button	<p>Turns the wireless feature on or off but does not create a wireless connection.</p> <p>NOTE: To establish a wireless connection, a wireless network must already be set up.</p>

*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) Function keys	Execute frequently used system functions when pressed in combination with the <code>fn</code> key.
(5) Windows applications key	Displays a shortcut menu for items beneath the pointer.
(6) Integrated numeric keypad and volume hotkeys	<ul style="list-style-type: none">• Can be used like the keys on an external numeric keypad.• Adjusts system volume when the asterisk (*), minus sign (-), or plus sign (+) is pressed in combination with the <code>fn</code> key.

Front components




Component	Description
(1) Audio-in (microphone) jack	Connects an optional computer headset microphone, stereo array microphone, or monaural microphone.
(2) Audio-out (headphone) jack	Produce sound when connected to optional powered stereo speakers, headphones, ear buds, a headset, or television audio.

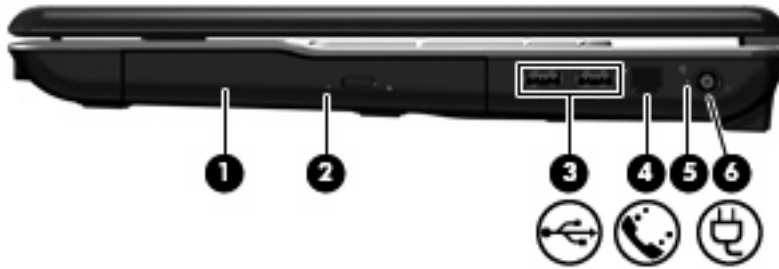
Rear component



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

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



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 ports (2)	Connect optional USB devices.
(4) RJ-11 (modem) jack (select models only)	Connects a modem cable.
(5) AC adapter light	<ul style="list-style-type: none">On: The computer is connected to external power.Off: The computer is not connected to external power.
(6) Power connector	Connects an AC adapter.

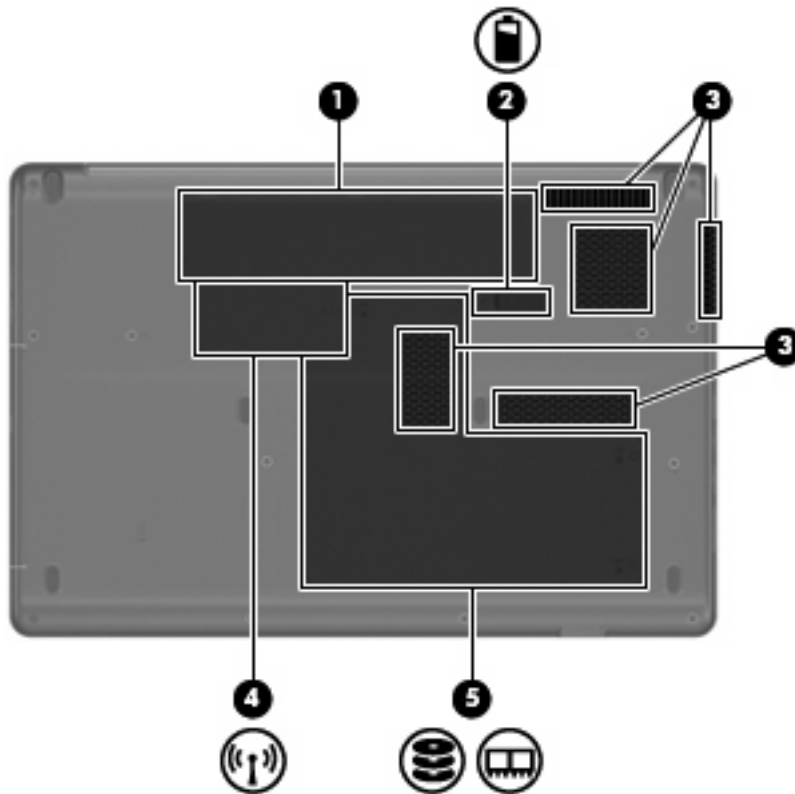
Left-side components

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



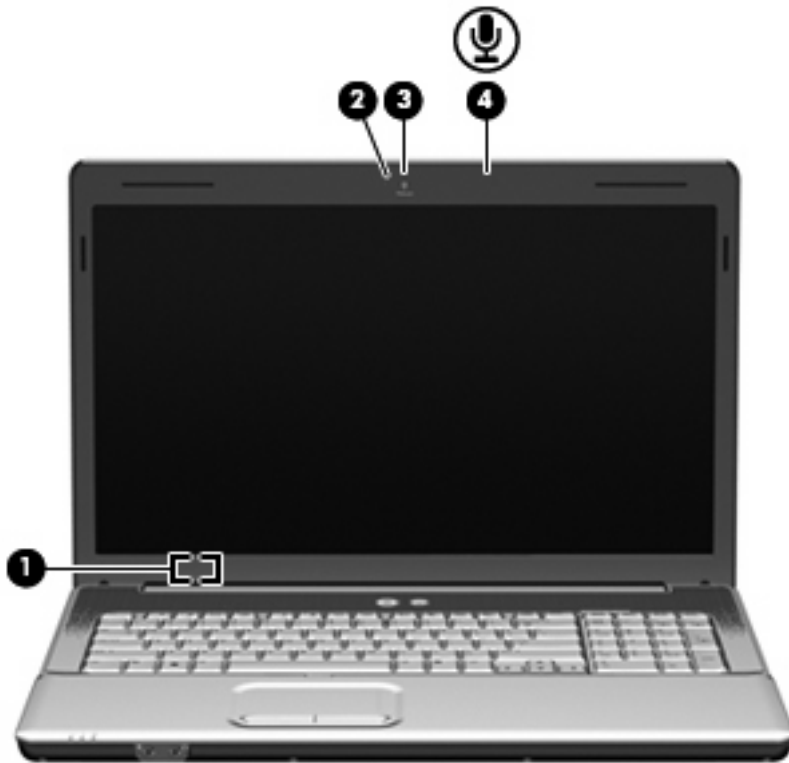
Component	Description
(1) Security cable slot	Attaches an optional security cable to the computer. NOTE: The security cable is designed to act as a deterrent, but it may not prevent the computer from being mishandled or stolen.
(2) Vent	Enables airflow to cool internal components. NOTE: The computer 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.
(3) External monitor port	Connects an external VGA monitor or projector.
(4) RJ-45 (network) jack	Connects a network cable.
(5) HDMI port (select models only)	Connects an optional video or audio device, such as a high-definition television, or any compatible digital or audio component. NOTE: Depending on your computer model, the computer may include an HDMI port or a USB port at this location.
(6) eSATA/USB port	Connects a high-performance eSATA component, such as an eSATA external hard drive, or connects an optional USB device.
(7) Digital Media Slot (select models only)	Supports the following digital card formats: <ul style="list-style-type: none">• Memory Stick (MS)• Memory Stick Pro (MSP)• MultiMediaCard (MMC)• Secure Digital (SD) Memory Card• xD-Picture Card (XD)
(8) Digital Media Slot light	On: The Digital Media Slot is in use.

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. 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) Wireless module compartment	Holds a wireless LAN module. NOTE: To prevent an unresponsive system, replace the wireless module only with a wireless module authorized for use in the computer by the governmental agency that regulates wireless devices in your country or region. If you replace the module and then receive a warning message, remove the module to restore computer functionality, and then contact technical support through Help and Support.
(5) Hard drive bay	Holds the hard drive and contains the memory module slots.

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) Webcam light (select models only)	On: The webcam is in use.
(3) Webcam (select models only)	Records audio and video and captures still photographs.
(4) Internal microphone	Records sound.

Wireless antennae

Your computer model has at least 2 antennae that 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 important information including the following:



- Product name **(1)**. This is the product name affixed to the front of your notebook.
- Serial number (s/n) **(2)**. This is an alphanumeric identifier that is unique to each product.
- Part number/Product number (p/n) **(3)**. This number provides specific information about the product's hardware components. The part number helps a service technician to determine what components and parts are needed.
- Model description **(4)**. This is the alphanumeric identifier you use to locate documents, drivers, and support for your notebook.
- Warranty period **(5)**. This number describes the duration (in years) of the warranty period for this 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 or regions 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 WLAN compartment.

Index

- A**
 - AC adapter light, identifying 9
 - AC adapter, identifying 14
 - antennae 13
 - applications key, Windows 6
 - audio-in (microphone) jack, identifying 7
 - audio-out (headphone) jack, identifying 7
- B**
 - battery bay 15
 - battery bay, identifying 11
 - battery light, identifying 3
 - battery release latch, identifying 11
 - battery, identifying 14
 - bays
 - battery 11, 15
 - hard drive 11
 - Bluetooth label 15
 - buttons
 - power 5
 - TouchPad 2
 - TouchPad on/off 2
 - wireless 5
- C**
 - caps lock light, identifying 3
 - Certificate of Authenticity label 15
 - compartments
 - memory module 11
 - wireless module 11
 - components
 - additional hardware 14
 - bottom 11
 - display 12
 - front 7
 - left-side 10
 - rear 8
 - right-side 9
 - top 2
 - connector, power 9
 - cord, power 14
- D**
 - Digital Media Slot, identifying 10
 - drive light, identifying 4
- E**
 - eSATA/USB port, identifying 10
 - esc key, identifying 6
 - external monitor port, identifying 10
- F**
 - fn key, identifying 6
 - function keys, identifying 6
- H**
 - hard drive bay, identifying 11
 - HDMI port, identifying 10
 - headphone (audio-out) jack 7
- I**
 - integrated webcam light, identifying 12
 - internal microphones, identifying 12
- J**
 - jacks
 - audio-in (microphone) 7
 - audio-out (headphone) 7
 - RJ-11 (modem) 9
 - RJ-45 (network) 10
- K**
 - keypad keys, identifying 6
- L**
 - keys
 - esc 6
 - fn 6
 - function 6
 - keypad 6
 - volume 6
 - Windows applications 6
 - Windows logo 6
 - labels
 - Bluetooth 15
 - Microsoft Certificate of Authenticity 15
 - regulatory 15
 - service tag 15
 - wireless certification 15
 - WLAN 15
 - latch, battery release 11
 - lights
 - battery 3
 - caps lock 3
 - drive 4
 - num lock 3
 - optical drive 9
 - power 3, 9
 - TouchPad 2
 - webcam 12
 - wireless 3
- M**
 - memory module compartment, identifying 11
 - microphone (audio-in) jack 7
 - Microsoft Certificate of Authenticity label 15
 - monitor port, external 10
- N**
 - num lock light, identifying 3

O

- operating system
 - Microsoft Certificate of Authenticity label 15
 - Product Key 15
- optical drive light, identifying 9
- optical drive, identifying 9

P

- ports
 - eSATA/USB 10
 - external monitor 10
 - HDMI 10
 - USB 9
- power button, identifying 5
- power connector, identifying 9
- power cord, identifying 14
- power lights, identifying 3
- Product Key 15
- product name and number, computer 15

R

- regulatory information
 - regulatory label 15
 - wireless certification labels 15
- RJ-11 (modem) jack, identifying 9
- RJ-45 (network) jack, identifying 10

S

- scrolling regions, TouchPad 2
- security cable slot, identifying 10
- serial number, computer 15
- service tag 15
- slots
 - Digital Media 10
 - memory module 11
 - security cable 10
- speakers, identifying 5

T

- TouchPad
 - buttons 2
 - identifying 2
 - scrolling regions 2
- TouchPad light, identifying 2
- TouchPad on/off button 2
- traveling with the computer
 - wireless certification labels 15

U

- USB ports, identifying 9

V

- vents, identifying 8, 10, 11
- volume keys 6

W

- webcam, identifying 12
- Windows applications key, identifying 6
- Windows logo key, identifying 6
- wireless antennae 13
- wireless button, identifying 5
- wireless certification label 15
- wireless light, identifying 3
- wireless module compartment, identifying 11
- WLAN device 15
- WLAN label 15

