

# 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.



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# 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**.

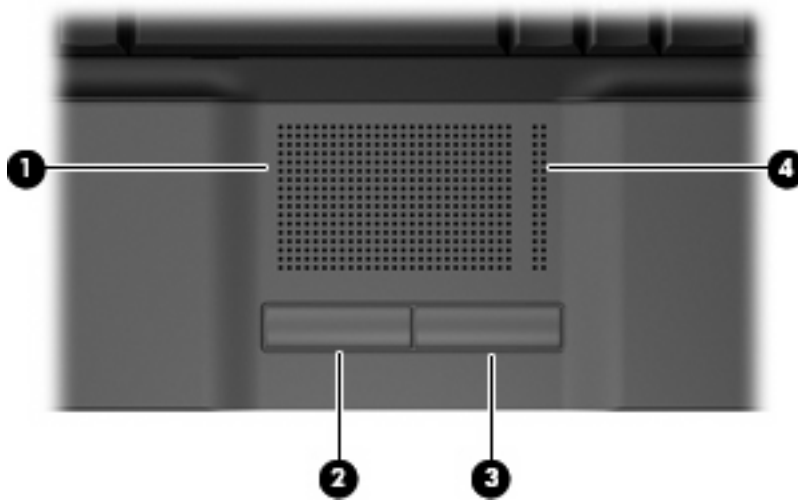
You can also add hardware or modify device configurations using Device Manager.

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# 2 Components

# Top components

## TouchPad



Component	Description
(1) TouchPad*	Moves the pointer and selects or activates items on the screen.
(2) Left TouchPad button*	Functions like the left button on an external mouse.
(3) Right TouchPad button*	Functions like the right button on an external mouse.
(4) TouchPad scroll zone*	Scrolls up or down.

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

## Lights



Component	Description
(1) Caps lock light	On: Caps lock is on.
(2) Wireless light (select models only)	<ul style="list-style-type: none"><li>On: An integrated wireless device, such as a wireless local area network (WLAN) device, the HP Broadband Wireless Module, and/or a Bluetooth® device, is on.</li><li>Off: All wireless devices are off.</li></ul>
(3) Power light	<ul style="list-style-type: none"><li>On: The computer is on.</li><li>Blinking: The computer is in the Sleep state.</li><li>Blinking rapidly: An AC adapter with a higher power rating should be connected.</li><li>Off: The computer is off or in Hibernation.</li></ul>


## Buttons and speaker

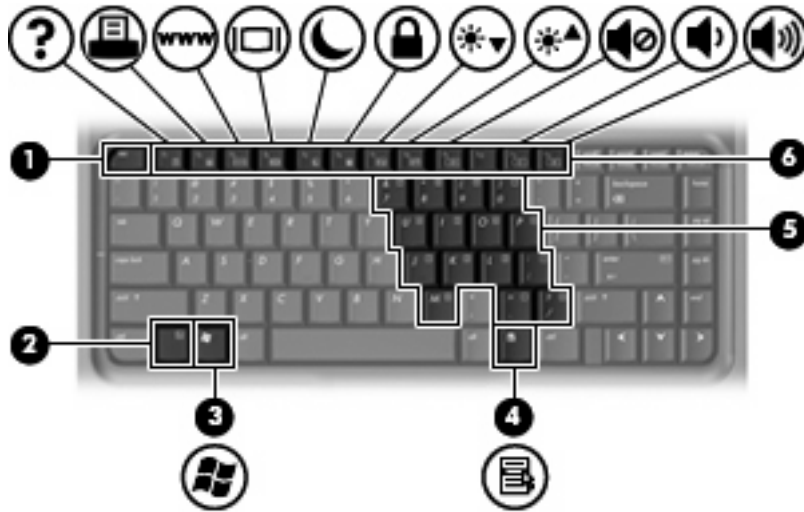


Component	Description
(1) Wireless button (select models only)	Turns the wireless feature on or off, but does not establish a wireless connection.  <b>NOTE:</b> A wireless network must be set up in order to establish a wireless connection.
(2) Power button*	<ul style="list-style-type: none"> <li>• When the computer is off, press the button to turn on the computer.</li> <li>• When the computer is on, press the button to initiate Sleep.</li> <li>• When the computer is in the Sleep state, press the button briefly to exit Sleep.</li> <li>• When the computer is in Hibernation, press the button briefly to exit Hibernation.</li> </ul> <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 <b>Start &gt; Control Panel &gt; System and Maintenance &gt; Power Options</b>.</p>
(3) Speaker	Produces sound.

\*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.



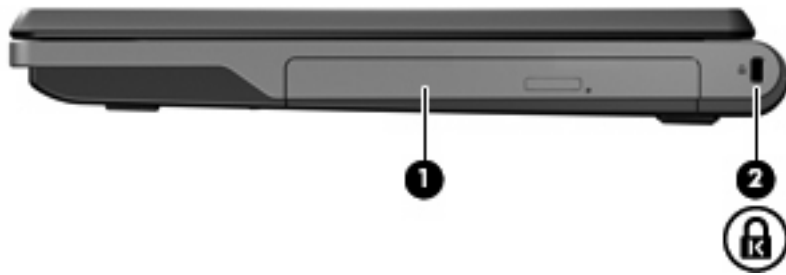
Component	Description
(1) <code>esc</code> key	Displays system information when pressed in combination with the <code>fn</code> key.
(2) <code>fn</code> key	Executes frequently used system functions when pressed in combination with a function key or the <code>esc</code> key.
(3) Windows logo key	Displays 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) Battery light	<ul style="list-style-type: none"><li>• Amber: A battery is charging.</li><li>• Green: A battery is close to full charge capacity.</li><li>• Blinking amber: 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.</li><li>• 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.</li></ul>
(2) Audio-out (headphone) jack	Produces sound when connected to optional stereo speakers, headphones, ear buds, a headset, or television audio.
(3) Audio-in (microphone) jack	Connects an optional computer headset microphone, stereo array microphone, or monaural microphone.

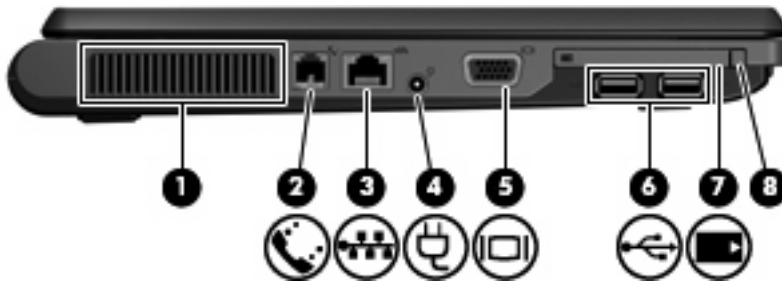
## Right-side components



Component	Description
(1) Optical drive	Reads an optical disc.
(2) Security cable slot	Attaches an optional security cable to the computer.

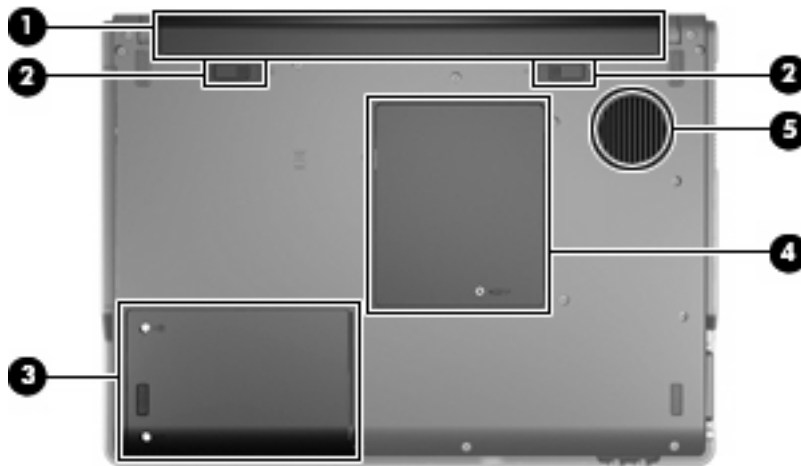
**NOTE:** The security cable is designed to act as a deterrent, but it may not prevent the computer from being mishandled or stolen.

## Left-side components



Component	Description
(1) Vent	Enables airflow to cool internal components.  <b>CAUTION:</b> 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.  <b>NOTE:</b> 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.
(2) RJ-11 (modem) jack (select models only)	Connects a modem cable.
(3) RJ-45 (network) jack	Connects a network cable.
(4) Power connector	Connects an AC adapter.
(5) External monitor port	Connects an external VGA monitor or projector.
(6) USB ports (2)	Connect optional USB devices.
(7) PC Card slot	Supports optional Type I or Type II 32-bit (CardBus) or 16-bit PC Cards.
(8) PC Card eject button	Ejects a PC Card from the PC Card slot.

## Bottom components



Component	Description
(1) Battery bay	Holds the battery.
(2) Battery release latches (2)	Release the battery from the battery bay.
(3) Hard drive bay	Holds the hard drive.
(4) Memory module compartment	Contains the memory module slot.
(5) Vent	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.

## Display components



Component	Description
Internal display switch	Turns off the display if the display is closed while the computer is on.


## 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.



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

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## Additional hardware components



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

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

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## 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.
- 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 memory module compartment.
- 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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