

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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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 Help for more information.

2 Components

Top components

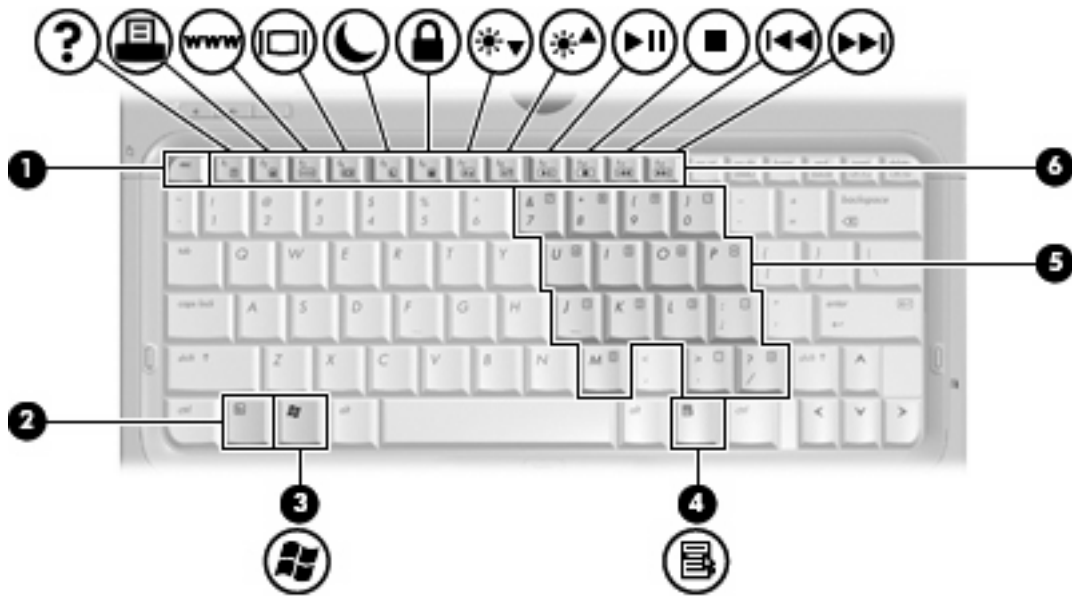
TouchPad



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">Blue: TouchPad is enabled.Amber: TouchPad is disabled.
(5) TouchPad vertical scroll zone	Scrolls up or down.
(6) Right TouchPad button*	Functions like the right button on an external mouse.

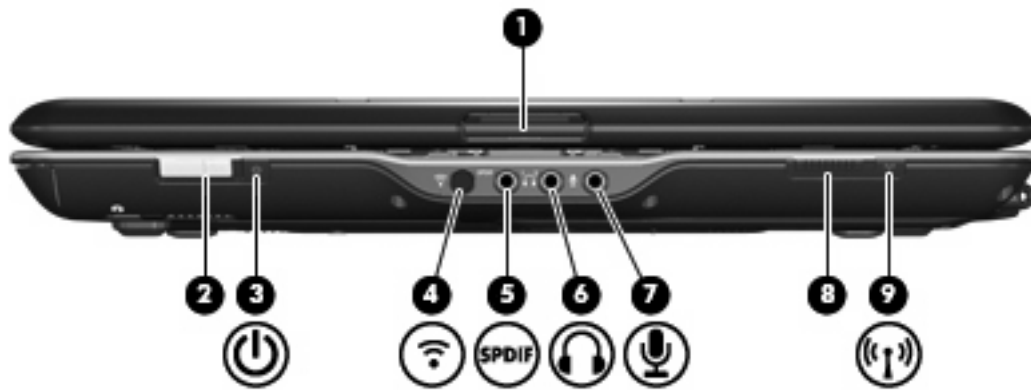
*This table describes factory settings. To view or change TouchPad preferences, select **Start > Control Panel > Hardware and Sound > Mouse**.

Keys



Component	Description
(1) esc key	Displays system information about the computer 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.

Front components



Component	Description
(1) Display release latch	Opens the computer.
(2) Power switch*	<ul style="list-style-type: none"> When the computer is off, slide the power switch to the right to turn on the computer. When the computer is on, slide the power switch to the right to initiate Sleep. When the computer is in the Sleep state, briefly slide the power switch to the right to exit Sleep. When the computer is in Hibernation, briefly slide the power switch to the right to exit Hibernation. <p>If the computer has stopped responding and Windows shutdown procedures are ineffective, slide the power switch to the right and hold 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) Power light	<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.
(4) Consumer infrared lens	Receives a signal from the HP Remote Control.
(5) Audio-out (headphone) S/PDIF jack	Provides enhanced audio performance, including surround sound and other high-end audio output.
(6) Audio-out (headphone) jack	Produce sound when connected to optional powered stereo speakers, headphones, ear buds, a headset, or television audio.
(7) Audio-in (microphone) jack	Connects an optional computer headset microphone, stereo array microphone, or monaural microphone.
(8) Wireless switch	Turns the wireless feature on or off, but does not establish a wireless connection.
	<p>NOTE: A wireless network must be set up in order to establish a wireless connection.</p>

Component	Description
(9) Wireless light	<ul style="list-style-type: none"><li data-bbox="839 228 1461 306">• Blue: An integrated wireless device, such as a wireless local area network (WLAN) device and/or a Bluetooth® device, is on.<li data-bbox="839 331 1222 359">• Amber: All wireless devices are off.

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

Rear components



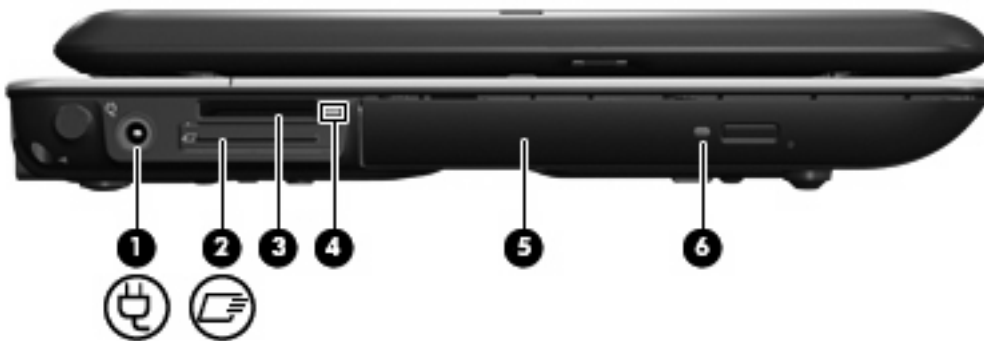
Component	Description
(1) Vent	Enables airflow to cool internal components. NOTE: The computer fan starts up automatically to cool internal components and prevent overheating. It is normal for the internal fan to cycle on and off during routine operation.
(2) RJ-11 (modem) jack	Connects a modem cable.
(3) USB ports (2)	Connect optional USB devices.
(4) 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.

Right-side components



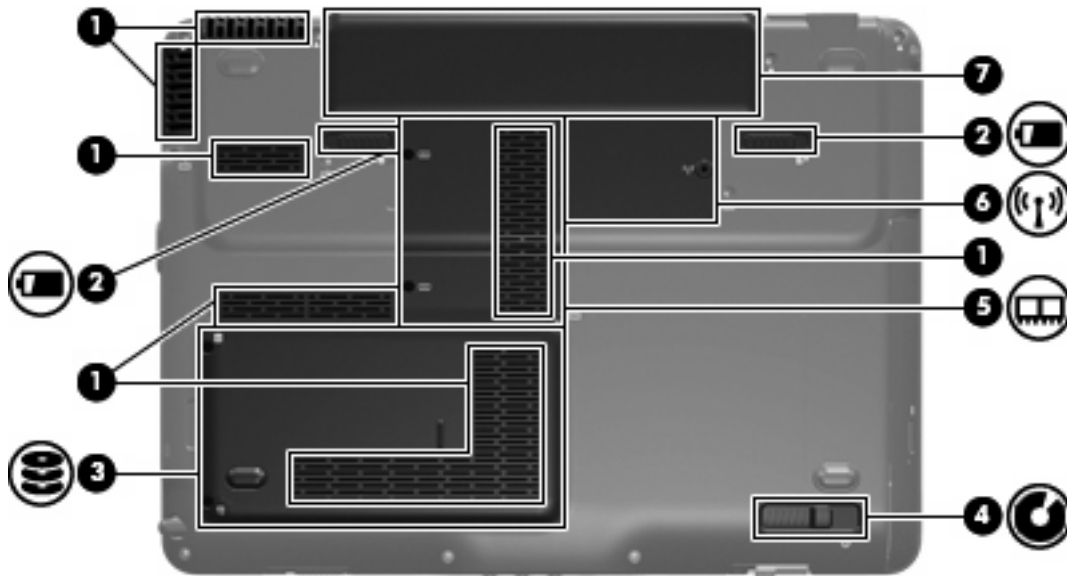
Component	Description
(1) Pen holder	Stores the pen.
(2) USB port	Connects an optional USB device.
(3) Pen tether hole	Connects the pen tether.
(4) RJ-45 (network) jack	Connects a network cable.
(5) Expansion port 3	Connects the computer to an optional docking device or an optional expansion product. NOTE: The computer has only one expansion port. The term <i>expansion port 3</i> describes the type of expansion port.
(6) External monitor port	Connects an external VGA monitor or projector.
(7) 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.

Left-side components



Component	Description
(1) Power connector	Connects an AC adapter.
(2) ExpressCard slot	Supports optional ExpressCard/34 modules.
(3) 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 (SD) Memory Card• xD-Picture Card (XD)• xD-Picture Card (XD) Type H.• xD-Picture Card (XD) Type M.
(4) Digital Media Slot light	On: A digital card is being accessed.
(5) Optical drive	Reads optical discs and, on select models, also writes to optical discs.
(6) Optical drive light	Blinking: The optical drive is being accessed.

Bottom components



Component	Description
(1) 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.
(2) Battery release latches (2)	Release the battery from the battery bay.
(3) Hard drive bay	Holds the hard drive.
(4) Optical drive release latch	Releases the optical drive from the drive bay.
(5) Memory module compartment	Contains the memory module slots.
(6) WLAN module compartment	Holds a WLAN module (select models only). 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.
(7) Battery bay	Holds the battery.

Display components



Component	Description
(1) Convertible hinge	Swivels the display and converts the computer from traditional notebook mode into slate mode or vice versa. In slate mode, the display is rotated and folded flat, so that you can view content while carrying the computer.
(2) Internal display switch	Turns off the display and initiates Sleep if the display is closed while the power is on.
(3) Internal microphones (2)	Record sound.
(4) Webcam (select models only)	Records audio and video and captures still photographs.
(5) Display release latch	Opens the computer.
(6) Fingerprint reader (select models only)	Allows a fingerprint logon to Windows instead of a password logon.
(7) Consumer infrared lens	Receives a signal from the HP Remote Control.

Display lights



Component	Description
(1) Power light	<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.• 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.


Quick Launch buttons



Component	Description
(1) Mobility Center button	Opens Mobility Center.
(2) MediaSmart button	Launches the MediaSmart program when the computer is on.
(3) Rotate button	Rotates the screen image counter-clockwise into 4 orientations: landscape primary, portrait primary, landscape secondary, and portrait secondary.

Wireless antennae (select models only)



 **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.
(4) Country-specific modem cable adapter (select models only)	Adapts the modem cable to a non-RJ-11 telephone jack.
(5) Modem cable* (select models only)	Connects the internal modem to an RJ-11 telephone jack or to a country-specific modem adapter.

*Modem cables, 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:



- 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 most important number you need to locate documents, drivers, and support for your notebook.
- Warranty period **(5)**. 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.
- Modem approval label—Provides regulatory information about the modem and lists the agency approval markings required by some of the countries or regions 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 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 module compartment.

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