

# **Tablet PC Tour**

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This guide explains the computer hardware features.

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# Components

This chapter explains the hardware features of the computer.

To see a list of hardware installed in the computer:

1. Select **Start > My Computer**.
2. In the left pane of the System Tasks window, select **View system information**.
3. Select **Hardware** tab > **Device Manager**.

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



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

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# Top components

## Lights



Component	Description
❶ Volume mute light	On: Computer sound is turned off.
❷ Caps lock light	On: Caps lock is on.
❸ Drive light	<ul style="list-style-type: none"><li>■ Blinking green: The hard drive is being accessed.</li><li>■ Amber: HP Mobile Data Protection with accelerometer software has temporarily parked the internal hard drive.</li></ul>

*(Continued)*

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Component	Description
④ Battery light	<p>Amber: A battery pack is charging.</p> <p>Green: A battery pack is close to full charge capacity.</p> <p>Blinking amber: A battery pack that is the only available power source has reached a low-battery condition. When the battery reaches a <i>critical</i> low-battery condition, the battery light begins blinking rapidly.</p> <p>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.</p>
⑤ Power light	<p>Green: The computer is on.</p> <p>Blinking green: The computer is in standby.</p> <p>Off: The computer is off or in hibernation.</p>
⑥ Wireless light	<p>On: An integrated wireless device, such as a wireless local area network (WLAN) device and/or a Bluetooth® device, is turned on.</p>
⑦ Num lock light	<p>On: Num lock is on or the embedded numeric keypad is enabled.</p>

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## Pointing devices

### Touchpad

The pointing stick and TouchPad controls can be used interchangeably. The following illustration and table describe the computer pointing devices, which vary by model.



Component	Description
① Pointing stick	Moves the pointer and selects or activates items on the screen.
② Left pointing stick button	Functions like the left button on an external mouse.
③ TouchPad*	Moves the pointer and selects or activates items on the screen. Can be set to perform other mouse functions, such as scrolling, selecting, and double-clicking.

*(Continued)*

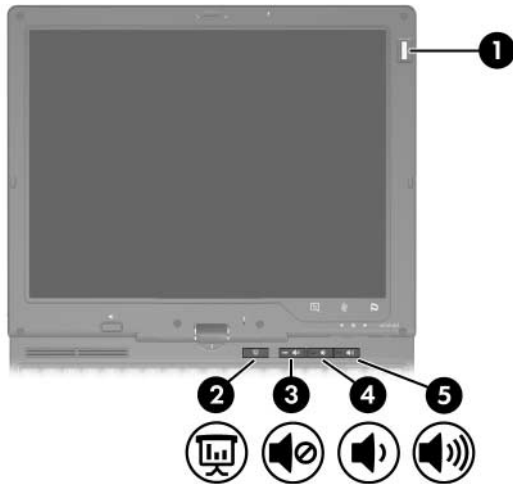
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<b>Component</b>	<b>Description</b>
④ Left TouchPad button*	Functions like the left button on an external mouse.
⑤ Right TouchPad button*	Functions like the right button on an external mouse.
⑥ TouchPad scroll zone*	Scrolls up or down.
⑦ Right pointing stick button	Functions like the right button on an external mouse.

\*This table describes default settings. To view and change TouchPad preferences, select **Start > Control Panel > Printers and Other Hardware > Mouse**.

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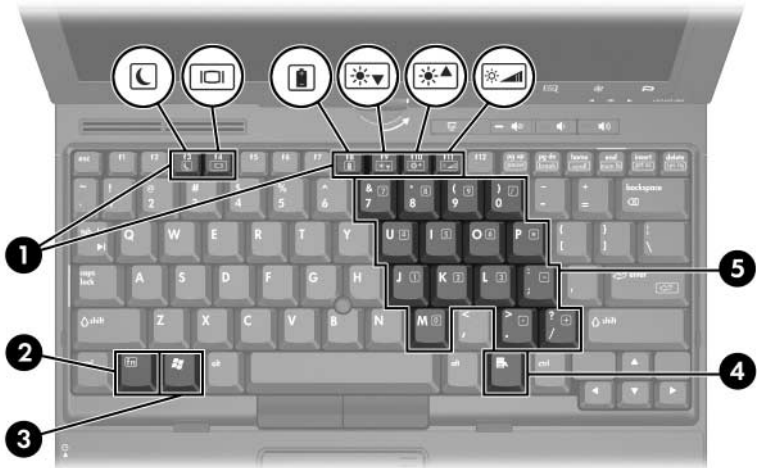
## Buttons and reader




Component	Description
① Fingerprint reader	Allows a fingerprint logon to Microsoft® Windows®, instead of a password logon.
② Presentation button	Starts the Presentation feature.
③ Volume mute button	Mutes and restores computer sound.
④ Volume down button	Decreases computer sound.
⑤ Volume up button	Increases computer sound.



## Keys

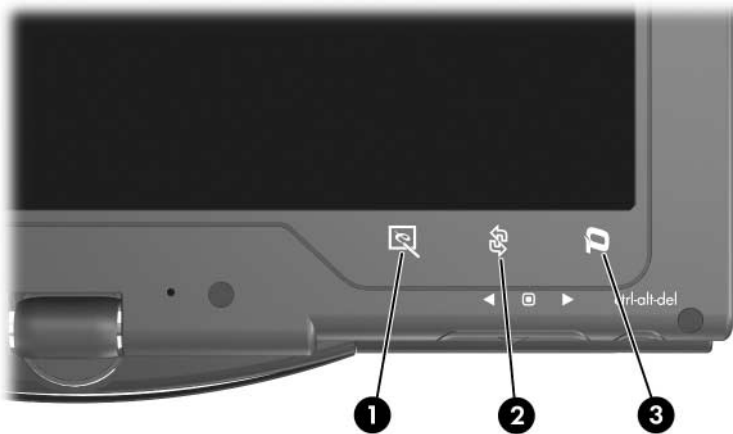


Component	Description
<b>1</b> Function keys (6)	Execute frequently used system functions when pressed in combination with the <b>fn</b> key.
 Refer to the table in “ <a href="#">Hotkey quick reference</a> ” for a description of each hotkey.	
<b>2</b> <b>fn</b> key	Executes frequently used system functions when pressed in combination with a function key or the <b>esc</b> key.
<b>3</b> Windows logo key	Displays the Windows Start menu.
<b>4</b> Windows applications key	Displays a shortcut menu for items beneath the pointer.
<b>5</b> Embedded numeric keypad keys (15)	Can be used like the keys on an external numeric keypad.

## Hotkey quick reference

<b>To perform this function</b>	<b>Press</b>
Initiate standby	<b>fn+f3</b>
Resume from standby	Slide the Power switch toward the front of the computer.
Alternate between computer display and external display	<b>fn+f4</b>
Display battery information	<b>fn+f8</b>
Clear battery information	<b>fn+f8</b>
Decrease screen brightness	<b>fn+f9</b>
Increase screen brightness	<b>fn+f10</b>
Display system information	<b>fn+esc</b>
Clear system information	<b>esc</b> or click <b>OK</b>

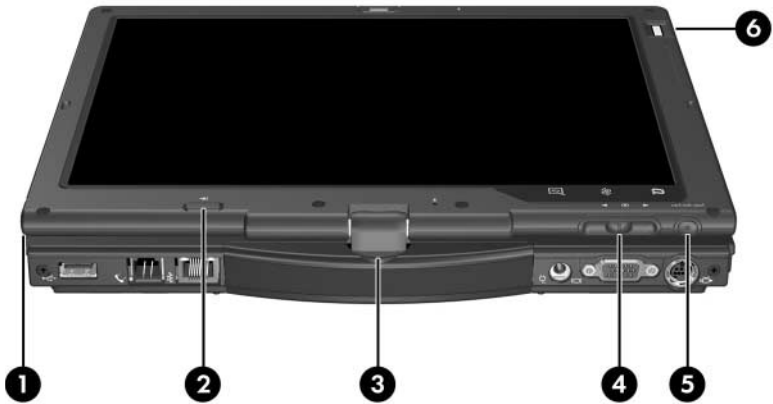
## Pen-activated buttons



Component	Description
❶ Tablet PC Input Panel launch button*	When Windows is running, opens Microsoft Tablet PC Input Panel, which includes a handwriting pad and an on-screen keyboard.
❷ Rotate button*	Switches the image between landscape and portrait orientation.
❸ Q button*	When Windows is running, opens or closes the Q Menu.

\*This table describes default settings. For information about changing the functions of the Tablet PC Input Panel launch button, rotate button, and Q button, use your pen to press the **Q button** and click **Tablet PC Settings**.

## Display components



Component	Description
❶ Pen holder	Secures the pen to the computer.
❷ Pen eject button	Ejects the pen from the pen holder.
❸ Rotating hinge	Swivels the display and converts the computer from notebook mode into tablet PC mode or vice versa.
❹ Jog dial*	<p>Functions like <b>enter</b> and the up and down arrow keys on a standard keyboard:</p> <ul style="list-style-type: none"> <li>■ Press inward to enter a command.</li> <li>■ Rotate up to scroll up.</li> <li>■ Rotate down to scroll down.</li> </ul>

(Continued)

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Component	Description
⑤ Windows security button*	When pressed while <ul style="list-style-type: none"><li>■ Windows is open, enters the ctrl+alt+delete command.<sup>†</sup></li><li>■ The Computer Setup utility is open, enters the reset command.</li></ul>
⑥ Fingerprint reader	Allows a fingerprint logon to Windows instead of a password logon.

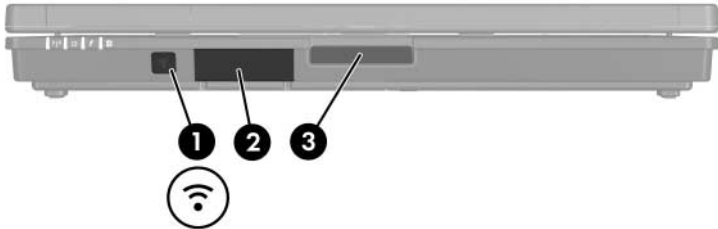
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\*This table describes default settings. For information about changing the functions of the Windows security button and jog dial, refer to “Pointing Devices and Keyboard.”

<sup>†</sup>To protect your work and the system, the ctrl+alt+delete command cannot be entered using the **ctrl**, **alt**, and **del** keys on the on-screen keyboard.

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## Front components



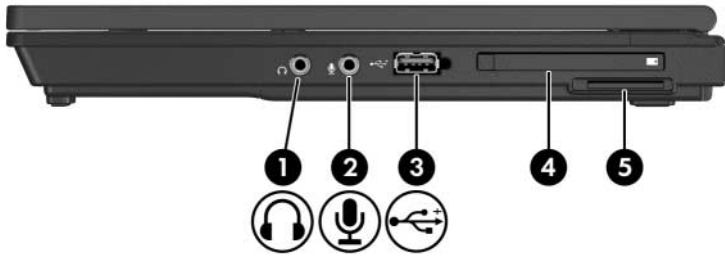
Component	Description
❶ Infrared port	Provides wireless communication between the computer and an optional IrDA-compliant device.
❷ Bluetooth module (select models only)	Sends and receives Bluetooth device signals.
 <b>Exposure to Radio Frequency Radiation.</b>	The radiated output power of this device is below the FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact during normal operation is minimized. To avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antennae should be not less than 20 cm (8 inches) during normal operation, including when the computer display is closed.
❸ Display release button	Opens the computer.
 Keep diskettes and other magnetic media away from the magnetic fields located around the Display release button. Magnetic fields can erase diskette data.	


## Rear components



Component	Description
① USB port	Connects an optional USB device.
② RJ-11 (modem) jack	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 optional external VGA monitor or projector.
⑥ S-Video-out jack	<p>Connects an optional S-Video device such as a television, VCR, camcorder, overhead projector, or video capture card, with an optional, standard (4-pin) S-Video cable.</p> <p>The jack's extra 3 pins also enable an optional S-Video-to-composite adapter to be used with the computer.</p>

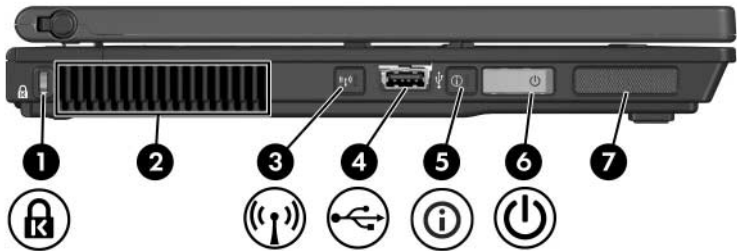
## Right-side components



Component	Description
❶ Audio-out (headphone) jack	Produces computer sound when connected to optional powered stereo speakers, headphones, ear buds, a headset, or television audio.
❷ Audio-in (microphone) jack	Connects an optional computer headset microphone, stereo array microphone, or monaural microphone.
❸ Powered USB port	Provides power to a USB device, such as an optional external MultiBay, if used with a powered USB cable.
❹ PC Card slot or optional smart card reader	<p> On select models, the PC Card slot may be replaced with the optional smart card reader.</p> <p>If your computer has</p> <ul style="list-style-type: none"> <li>■ a PC Card slot, it supports optional Type I, Type II, 32-bit (CardBus), or 16-bit PC Cards.</li> <li>■ a smart card reader, it accepts smart cards or Java™ Cards.</li> </ul>
❺ Digital Media slot	Accepts SD (Secure Digital) Memory Cards or MultiMediaCards.



## Left-side components



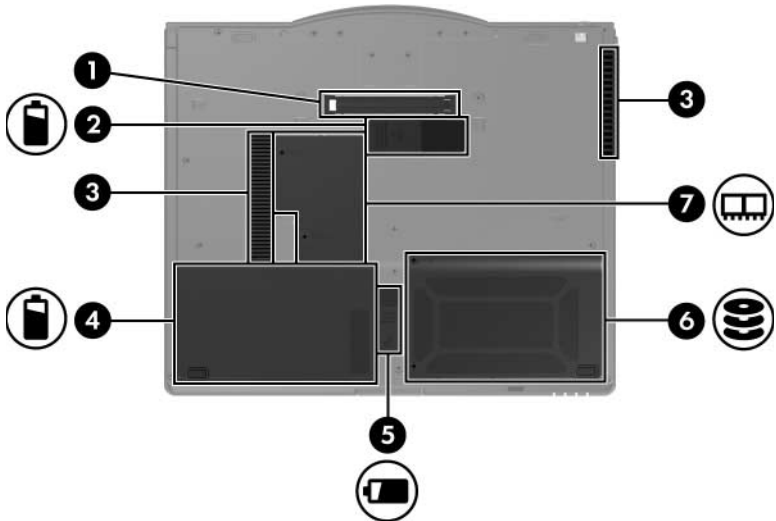
Component	Description
<p>❶ Security cable slot</p> <p>△ The security cable is designed to act as a deterrent, but may not prevent the computer from being mishandled or stolen.</p>	<p>Attaches an optional security cable to the computer.</p>
<p>❷ Vent</p> <p>△ To prevent overheating, do not obstruct vents. Using 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, thick rugs, or clothing, to block airflow.</p> <p>✎ 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.</p>	<p>Enables airflow to cool internal components.</p>
<p>❸ Wireless button (select models only)*</p> <p>✎ To establish a wireless connection, a wireless network must already be set up.</p>	<p>Turns the wireless feature on or off, but does not establish a connection.</p>
<p>❹ USB port</p>	<p>Connects an optional USB device.</p>

(Continued)

<b>Component</b>	<b>Description</b>
⑤ Info Center button	Launches Info Center, which enables you to open various software solutions.
⑥ Power switch*	<p>When the computer is</p> <ul style="list-style-type: none"><li>■ Off, slide toward the front of the computer and release to turn on the computer.</li><li>■ In standby, slide toward the front of the computer and release to exit standby.</li><li>■ In hibernation, slide toward the front of the computer and release to exit hibernation.</li></ul> <p>If the computer has stopped responding and Microsoft Windows shutdown procedures cannot be used, slide the power switch toward the front of the computer and hold for at least 5 seconds to turn off the computer.</p>
⑦ Speaker	Produces computer sound.



\*This table describes default settings. For information about changing the functions of the power features, refer to the user guides located in the Help and Support Center.

## Bottom components



Component	Description
❶ Docking connector	Connects the computer to an optional docking device.
❷ Accessory battery connector	Connects an optional accessory battery.

(Continued)

Component	Description
<p data-bbox="155 240 302 266">③ Vents (2)</p> <p data-bbox="206 313 247 350"> 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, thick rugs, or clothing, to block airflow.</p> <p data-bbox="206 472 247 509"> 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.</p>	<p data-bbox="540 240 857 293">Enable airflow to cool internal components.</p>
<p data-bbox="155 570 330 596">④ Battery bay</p>	<p data-bbox="540 570 876 596">Holds the primary battery pack.</p>
<p data-bbox="155 618 514 672">⑤ Primary battery pack release latch</p>	<p data-bbox="540 618 910 672">Releases the primary battery pack from the battery bay.</p>
<p data-bbox="155 691 362 717">⑥ Hard drive bay</p>	<p data-bbox="540 691 761 717">Holds the hard drive.</p>
<p data-bbox="155 740 501 794">⑦ Expansion memory module compartment</p>	<p data-bbox="540 740 894 794">Contains one expansion memory module slot.</p>

## Wireless antennae

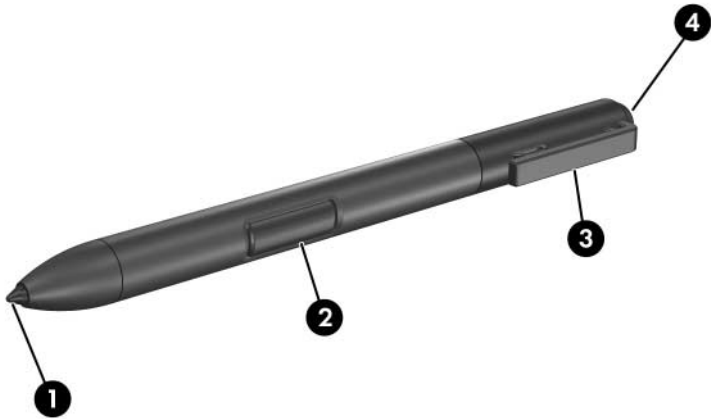
On select computer models, 2 wireless antennae send and receive wireless device signals. These antennae are not visible from the outside of the computer.

For wireless regulatory notices pertaining to your region, refer to the *Regulatory, Safety and Environmental Notices* located in the Help and Support Center.



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

## Pen components



Component	Description
① Pen tip	Interacts with the tablet PC whenever the tip is touching the screen or within 1.27 cm (0.5 inch) of the screen. When tapped on or held over a pen-activated button, activates the button.
② Pen button	Functions like the right button on an external mouse.
③ Pen tether eyelet	Used with the tether eyelet on the tablet PC, enables you to tether the pen to the tablet PC.
④ Pen eraser	Enables you to erase handwriting on the tablet PC.

## Additional hardware components



Component	Description
① HP Smart AC Adapter	Converts AC power to DC power.
② Power cord*	Connects an AC adapter to an AC outlet.
③ Primary battery pack*	Powers the computer when the computer is not plugged into external power.
④ Modem cable*	Connects the internal modem to an (RJ-11) telephone jack or to a country-specific modem adapter.
⑤ Country-specific modem adapter (included by region as required)*	Adapts the modem cable to a non-RJ-11 telephone jack.

\*Modem cables, battery packs, and power cords vary in appearance by region and country. Battery packs vary by model.

## Labels

The labels affixed to the computer provide information you may need when you troubleshoot systems 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. The information on the service tag is also available through the Help and Support Center.
- **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 to the bottom of the computer.
- **Wireless certification label(s)**—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 certification label per wireless device is included with your computer. You may need this information when traveling internationally. Wireless certification labels are affixed to the bottom of this computer.



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## Specifications

The following sections provide information on the operating environment specifications and power specifications of the computer.

### Operating environment

The operating environment information in the following table might be helpful if you plan to use or transport the computer in extreme environments.

Factor	Metric	U.S.
<b>Temperature</b>		
Operating (not writing to optical disc)	0°C to 35°C	32°F to 95°F
Operating (writing to optical disc)	5°C to 35°C	41°F to 95°F
Nonoperating	-20°C to 60°C	-4°F to 140°F
<b>Relative humidity</b> (noncondensing)		
Operating	10% to 90%	10% to 90%
Nonoperating	5% to 95%	5% to 95%
<b>Maximum altitude</b> (unpressurized)		
Operating (14.7 to 10.1 psia)	-15 m to 3,048 m	-50 ft to 10,000 ft
Nonoperating (14.7 to 4.4 psia)	-15 m to 12,192 m	-50 ft to 40,000 ft

## Rated input power

The power information in this section might be helpful if you plan to travel internationally with the computer.

The computer operates on DC power, which can be supplied by an AC or a DC power source. Although the computer can be powered from a stand-alone DC power source, it is strongly recommended that the computer be powered only with an AC adapter or DC power cord supplied by or approved for an HP computer.

The computer is capable of accepting DC power within the following specifications:

<b>Input Power</b>	<b>Rating</b>
Operating voltage	18.5 V dc @ 3.5 A - 65 W
Operating current	3.5 A

This product is designed for IT power systems in Norway with phase-to-phase voltage not exceeding 240 V rms.

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