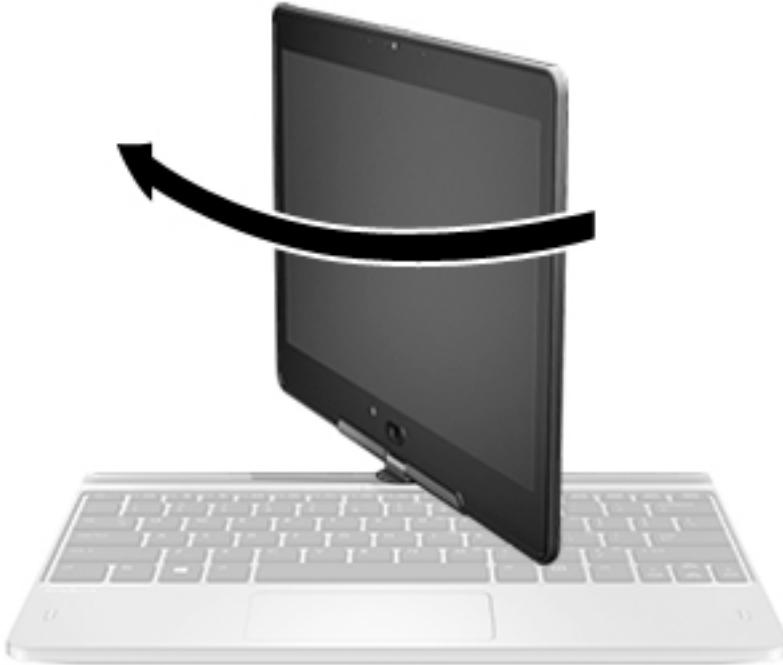

2 External component identification



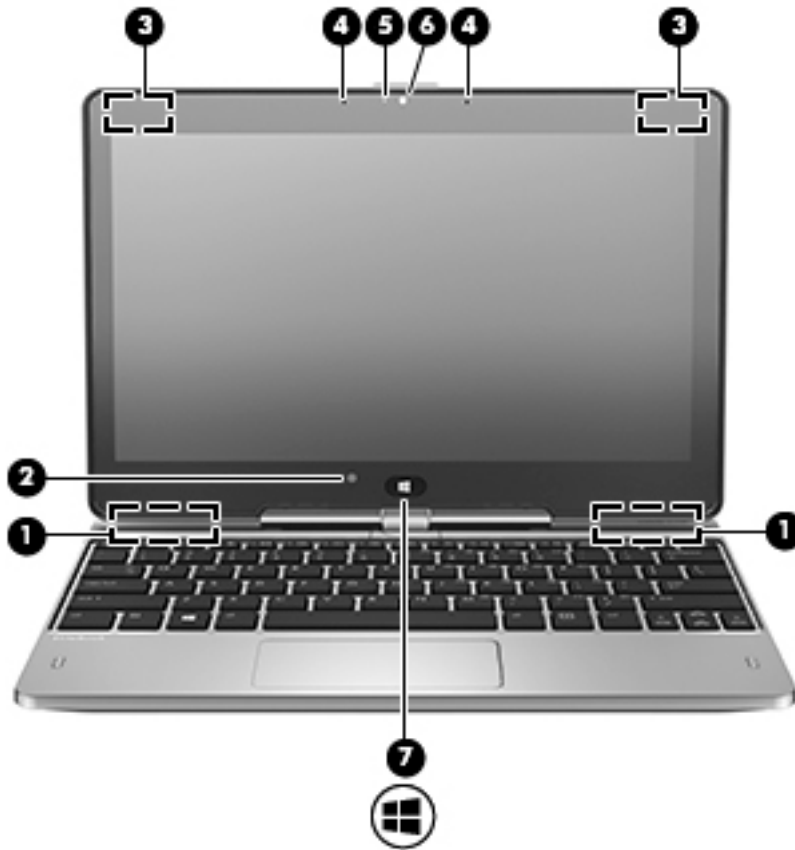
⚠ CAUTION: To prevent damage to the display hinges, when in notebook configuration, do not rotate the display counterclockwise, and do not force the rotating action.

To change your notebook to a tablet

1. Rotate the display clockwise 180 degrees until the display faces backwards.
2. Lower the display over the keyboard.

To change the tablet back into a notebook, reverse these steps.

Display




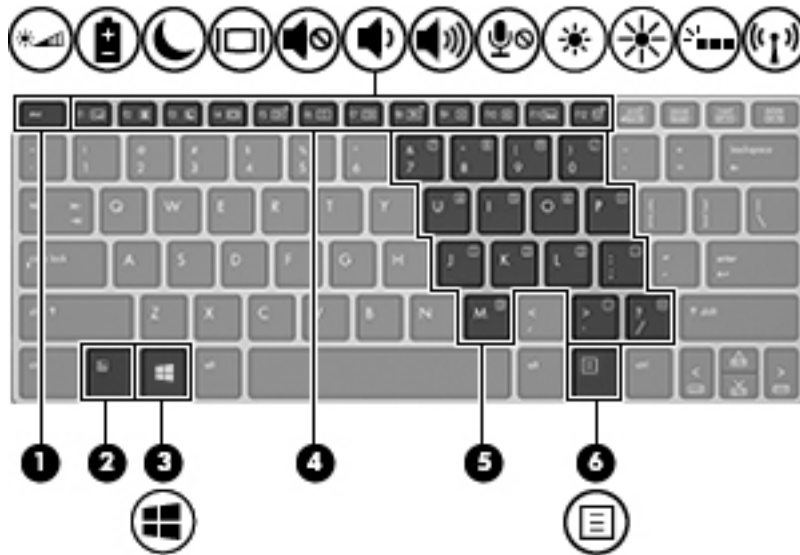
Item	Component	Description
(1)	WWAN antennas (2)*	Send and receive wireless signals to communicate with WWANs.
(2)	Ambient light sensor	Brightens or dims the display in response to ambient light.
(3)	WLAN antennas (2)*	Send and receive wireless signals to communicate with WLANs.
(4)	Internal microphones (2)	Record sound.
(5)	Webcam light	On: The webcam is in use.
(6)	Webcam	Records video and captures photographs. Some models allow you to video conference and chat online using streaming video. For information on using the webcam: <ul style="list-style-type: none"> • Windows 10 – Type <code>camera</code> in the taskbar search box, and then select Camera. • Windows 8 – Access HP Support Assistant. To access HP Support Assistant on the Start screen, select the HP Support Assistant app. • Windows 7 – Select Start > All Programs > Communication and Chat > HP WebCam.
(7)	Windows Home button	Returns you to the Start screen.

*The antennas are not visible on the outside of the computer. For optimal transmission, keep the areas immediately around the antennas free from obstructions.

Item	Component	Description
		For wireless regulatory notices, see the section of the <i>Regulatory, Safety, and Environmental Notices</i> that applies to your country or region.
		To access this guide:
		Windows 10:
		Select the Start button, select All apps , select HP Help and Support , and then select HP Documentation .
		Windows 8 or Windows 7:
		▲ Select the HP Support Assistant app on the Start screen, select My computer , and then select User guides .


Keys

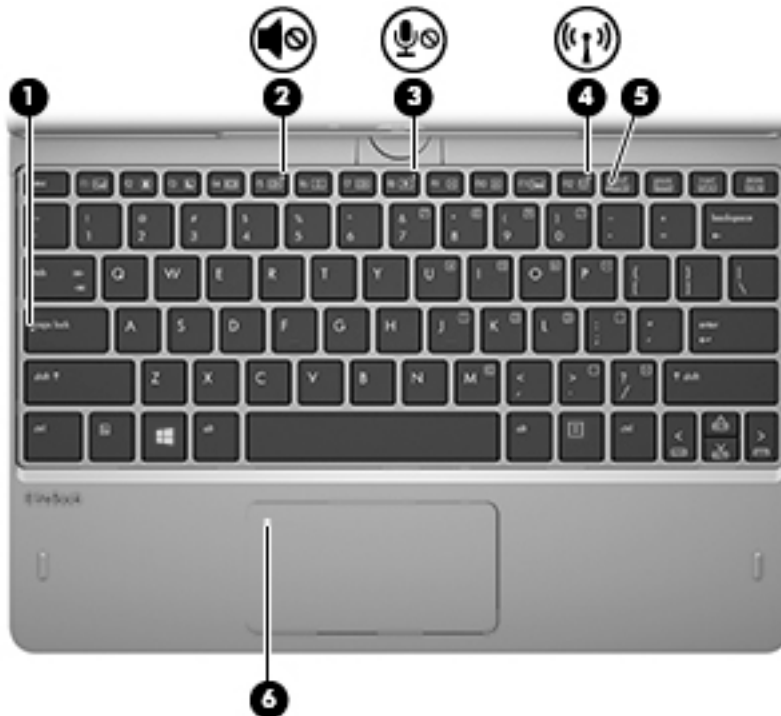
 **NOTE:** Your computer may look slightly different from the illustration in this section.



Item	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, the num lk key, the esc key, or the b key.
(3)	Windows button	Displays the Windows Start menu.
(4)	Function keys	Execute frequently used system functions when pressed in combination with the fn key.
(5)	Embedded numeric keypad	When the keypad is turned on, it can be used like an external numeric keypad. Each key on the keypad performs the function indicated by the icon in the upper-right corner of the key.
(6)	Windows application key	Displays options for a selected object.


Lights

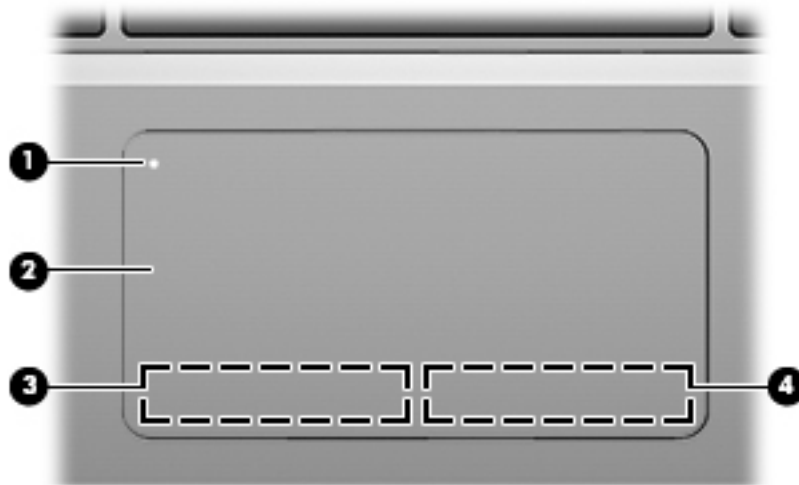
 **NOTE:** Your computer may look slightly different from the illustration in this section.



Item	Component	Description
(1)	Caps lock light	On: Caps lock is on, which switches the keys to all capital letters.
(2)	Mute light	<ul style="list-style-type: none">Amber: Computer sound is off.Off: Computer sound is on.
(3)	Microphone mute light	<ul style="list-style-type: none">Amber: microphone sound is off.Off: Microphone is on.
(4)	Wireless light	<ul style="list-style-type: none">On: An integrated wireless device, such as a WLAN device and/or a Bluetooth device, is on. <p>NOTE: On some models, the wireless light is amber when all wireless devices are off.</p>
(5)	Num lock light	On: Num lock is on.
(6)	TouchPad light	<ul style="list-style-type: none">On: The TouchPad is off.Off: The TouchPad is on.


TouchPad

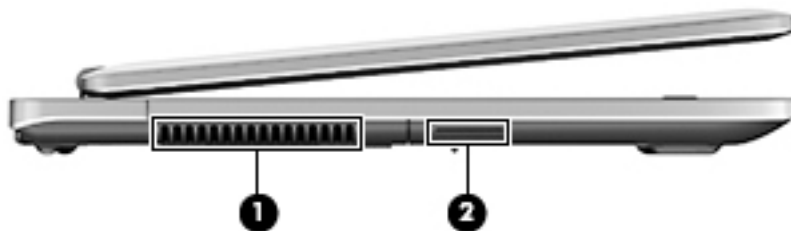
 **NOTE:** Your computer may look slightly different from the illustration in this section.



Item	Component	Description
(1)	TouchPad on/off button	Turns the TouchPad on or off.
(2)	TouchPad zone	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.

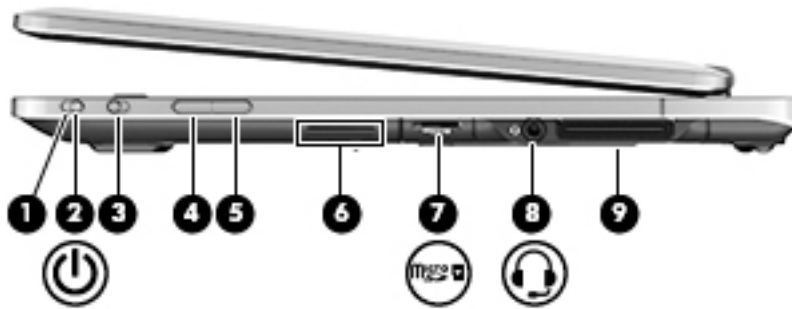
Left side

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



Item	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)	Speaker	Produces sound.

Right side



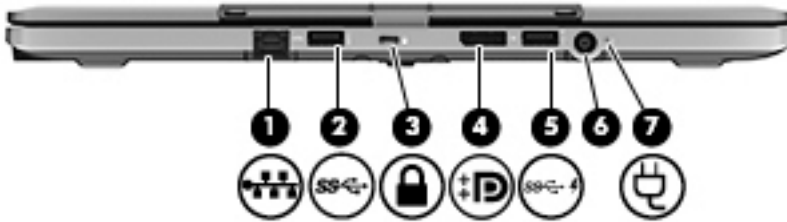
Item	Component	Description
(1)	Power button	<p>Turns power on and off.</p> <p>To learn more about your power settings:</p> <p>Windows 10: Type <code>power</code> in the taskbar search box, and then select Power and sleep settings.</p> <p>– or –</p> <p>Right-click the Start button, and then select Power Options.</p> <p>Windows 8: See your power options. From the Start screen, type <code>power</code>, select Settings, and then select Power Options.</p> <p>Windows 7: See your power options. Select Start > Control Panel > System and Settings > Power Options.</p>
(2)	Power light	<ul style="list-style-type: none"> On: The computer is on. Blinking: The computer is in the Sleep state, a power-saving state. The computer shuts off power to the display and other unneeded components. The computer is off or in Hibernation. Hibernation is a power-saving state that uses the least amount of power.
(3)	Rotation lock	<p>Locks screen orientation in either Landscape or Portrait mode.</p> <p>NOTE: When you move between notebook and tablet configuration, the computer screen will automatically change to vertical or horizontal. To lock the current screen orientation, slide the screen orientation button.</p>
(4)	Volume button	Lowers the volume.
(5)	Volume button	Raises the volume.
(6)	Speaker	Produces sound.
(7)	Memory card reader	Reads optional memory cards that store, manage, share, or access information.
(8)	Audio-out (headphone) jack/Audio-in (microphone) jack	<p>Connects optional powered stereo speakers, headphones, earbuds, a headset, or a television audio cable. Also connects an optional headset microphone. This jack does not support optional microphone-only devices.</p> <p>NOTE: When a device is connected to the jack, the slate speakers are disabled.</p>

Item	Component	Description
(9)	Docking port	<p>NOTE: Be sure that the device cable has a 4-conductor connector that supports both audio-out (headphone) and audio-in (microphone).</p> <p>WARNING! To reduce the risk of personal injury, adjust the volume before putting on headphones, earbuds, or a headset. For additional safety information, see the <i>Regulatory, Safety, and Environmental Notices</i>.</p> <p>To access this guide:</p> <p>Windows 10:</p> <p>Select the Start button, select All apps, select HP Help and Support, and then select HP Documentation.</p> <p>Windows 8 or Windows 7:</p> <ul style="list-style-type: none"> ▲ Select the HP Support Assistant app on the Start screen, select My computer, and then select User guides.

Rear




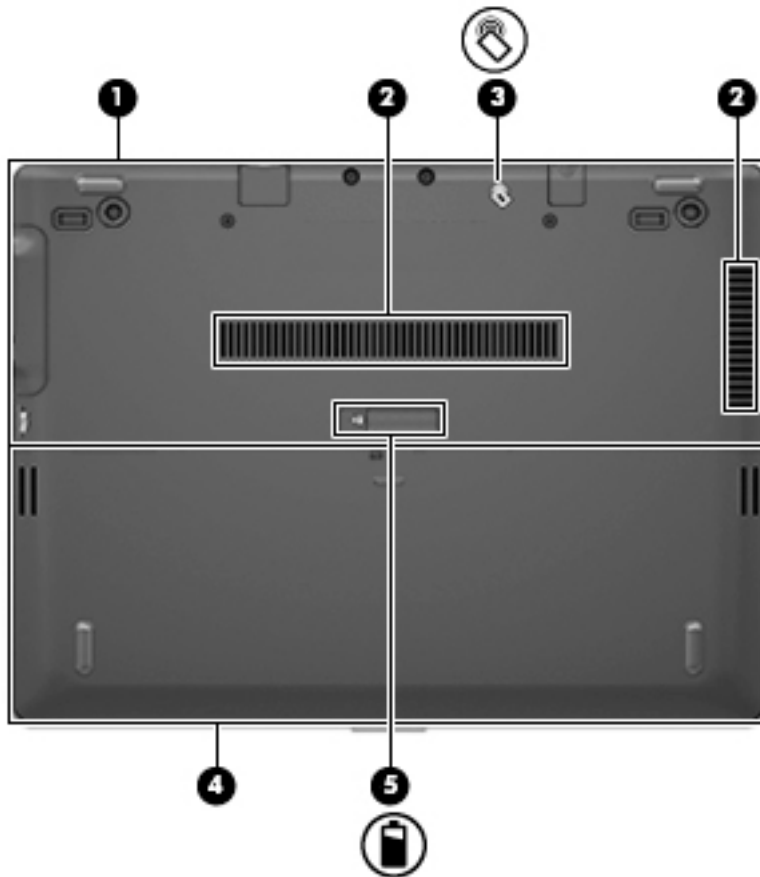
NOTE: Your computer may look slightly different from the illustration in this section.



Item	Component	Description
(1)	RJ-45 (network) jack	Connects a network cable. <ul style="list-style-type: none">Green (left): The network is connected.Amber (right): Activity is occurring on the network.
(2)	USB 3.0 port	Connects an optional USB device, such as a keyboard, mouse, external drive, printer, scanner or USB hub.
(3)	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.
(4)	DisplayPort	Connects an optional digital display device, such as a high-performance monitor or projector.
(5)	USB 3.0 charging port	Connects an optional USB device, such as a keyboard, mouse, external drive, printer, scanner or USB hub. Standard USB ports will not charge all USB devices or will charge using a low current. Some USB devices require power and require you to use a powered port. NOTE: USB charging ports can also charge select models of cell phones and MP3 players, even when the computer is off.
(6)	Power connector	Connects an AC adapter.
(7)	AC adapter light	<ul style="list-style-type: none">White: The AC adapter is connected and the battery is charged.Amber: The AC adapter is connected and the battery is charging.Off: The computer is using DC power.

Bottom

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



Item	Component	Description
(1)	Service cover	Gives access to the hard drive, the wireless LAN module slot, the WWAN module slot (select models only), and the memory module slots. CAUTION: 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.
(2)	Vents	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)	Near Field Communication (NFC) antenna	Allows you to connect wirelessly with, communicate with, and transfer data/info to and from your Near Field Communication (NFC)-compatible devices.
(4)	Battery bay	Holds the battery.
(5)	Battery bay cover release latch	Releases the battery cover over the battery bay.