

Notebook Tour

User Guide

© Copyright 2009 Hewlett-Packard
Development Company, L.P.

Bluetooth is a trademark owned by its
proprietor and used by Hewlett-Packard
Company under license. SD Logo is a
trademark of its proprietor.

The information contained herein is subject
to change without notice. The only
warranties for HP products and services are
set forth in the express warranty statements
accompanying such products and services.
Nothing herein should be construed as
constituting an additional warranty. HP shall
not be liable for technical or editorial errors
or omissions contained herein.

First Edition: April 2009

Document Part Number: 536500-001

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

-
- ⚠ **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).
-

Table of contents

1 Identifying hardware

2 Components

Display	2
Top components	3
Pointing devices	3
Lights	3
Buttons, switch, and speakers	5
Keys	6
Front components	8
Right-side components	9
Left-side components	10
Bottom components	11
Wireless antennas	12
Additional hardware components	13

3 Labels


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

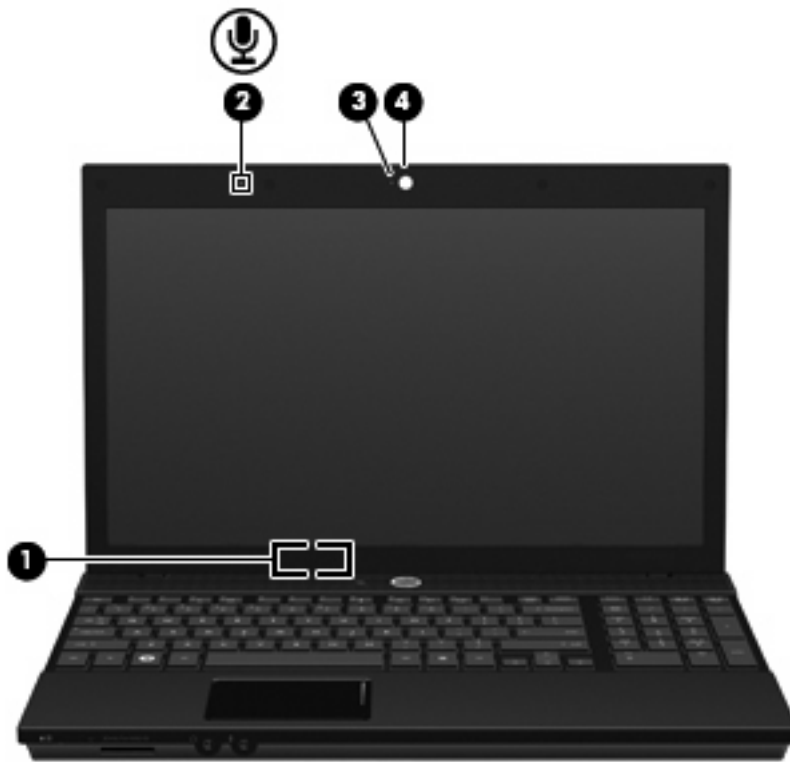
1 Identifying hardware

- ▲ To see a list of hardware installed in the computer, select **Computer > Control Center > YaST > Hardware Information**.

2 Components

Display

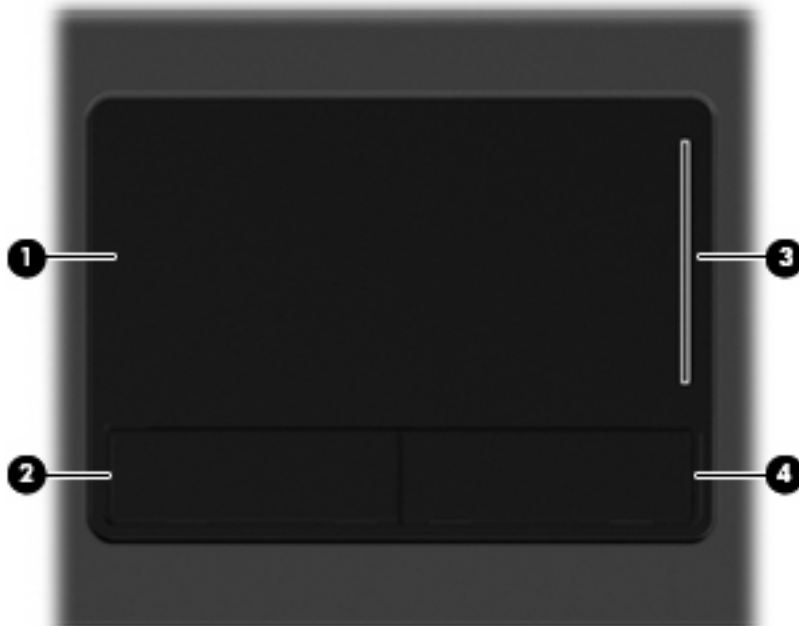
 **NOTE:** Your computer may look slightly different from the illustration in this section.



Component	Description
(1) Internal display switch	Turns off the display if the display is closed while the power is on.
(2) Internal microphone	Records sound.
(3) Webcam light (select models only)	On: The webcam is in use.
(4) Webcam (select models only)	Records audio and video and captures still photographs.


Top components

Pointing devices



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) TouchPad scroll zone	Scrolls up or down.
(4) Right TouchPad button	Functions like the right button on an external mouse.


Lights

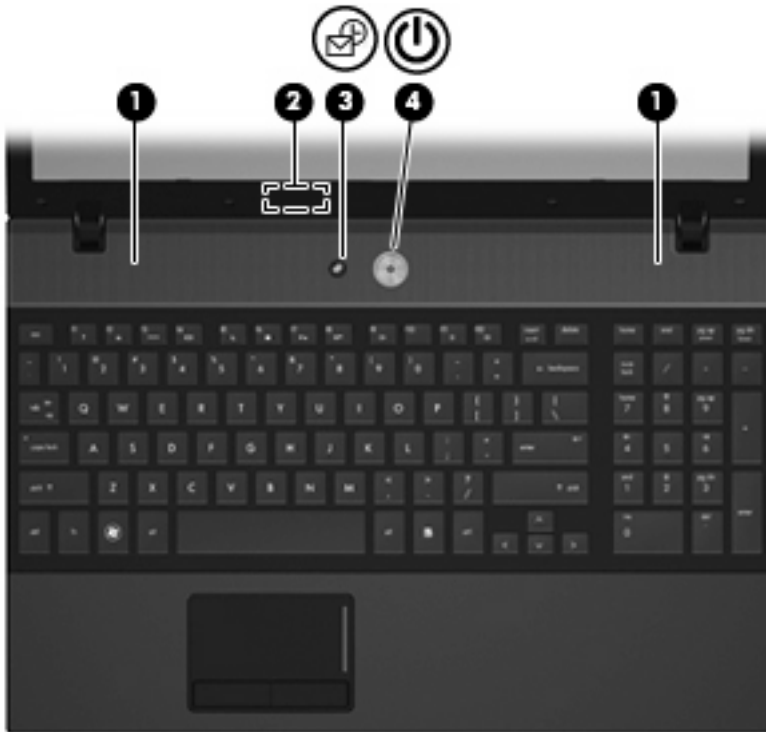
 **NOTE:** Your computer may look slightly different from the illustration in this section.



Component	Description
(1) Caps lock light	On: Caps lock is on.
(2) Info Center/QuickLook light	<ul style="list-style-type: none"> • On: The computer is on. • Blinking (5 times): <ul style="list-style-type: none"> ◦ When the computer is on, press button to launch Info Center. ◦ When the computer is off or in Hibernation, press button to launch QuickLook. • Off: The computer is off or in the Suspend or Hibernation state.
(3) Power light	<ul style="list-style-type: none"> • On: The computer is on. • Blinking: The computer is in Suspend. • Off: The computer is off or in Hibernation.

Buttons, switch, and speakers

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




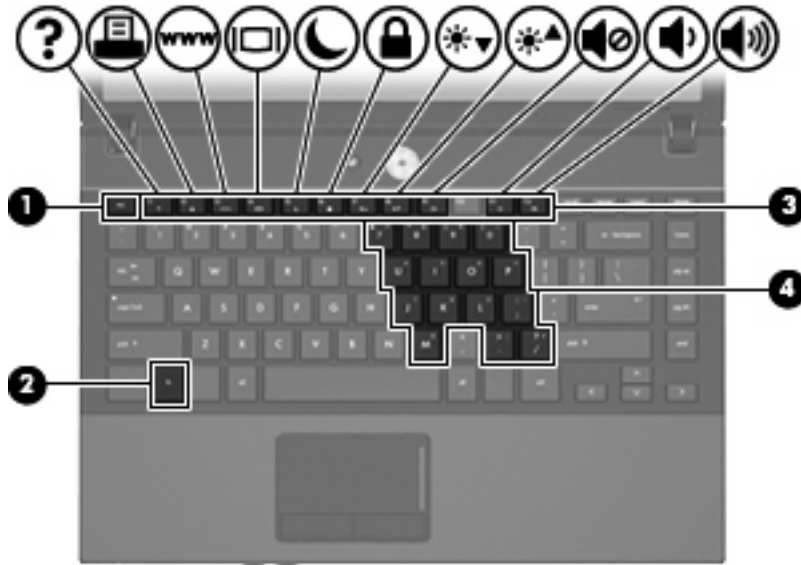
Component	Description
(1) Speakers (2)	Produce sound.
(2) Internal display switch	Turns off the display if the display is closed while the power is on.
(3) Info Center/QuickLook button	Launches Info Center or QuickLook.
(4) Power button	<ul style="list-style-type: none">• When the computer is off, press the button to turn on the computer.• When the computer is on, press the button to shut down the computer.• When the computer is in Suspend, press the button briefly to exit Suspend.• When the computer is in Hibernation, press the button briefly to exit Hibernation.

If the computer has stopped responding and operating system shutdown procedures are ineffective, press and hold the power button for at least 5 seconds to turn off the computer.

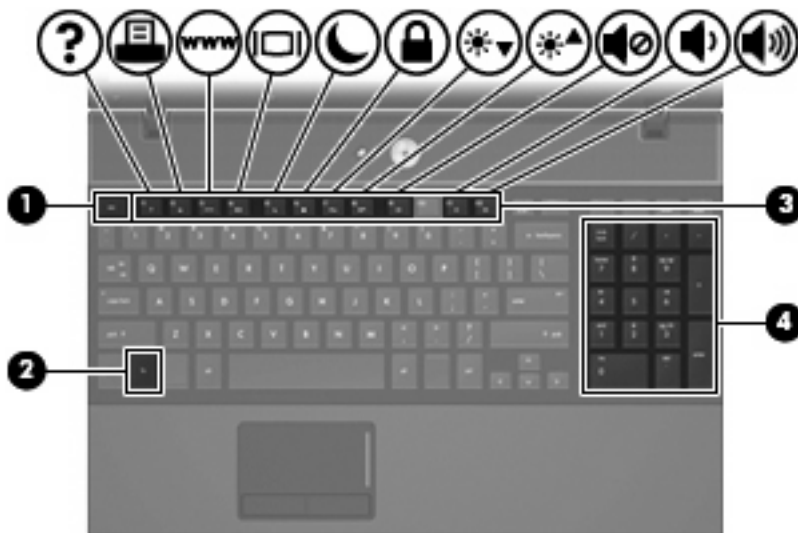
To learn more about your power settings and how to change them, select **Computer > Control Center > System > Power Management**.

Keys

 **NOTE:** Refer to the illustration that most closely matches your computer.

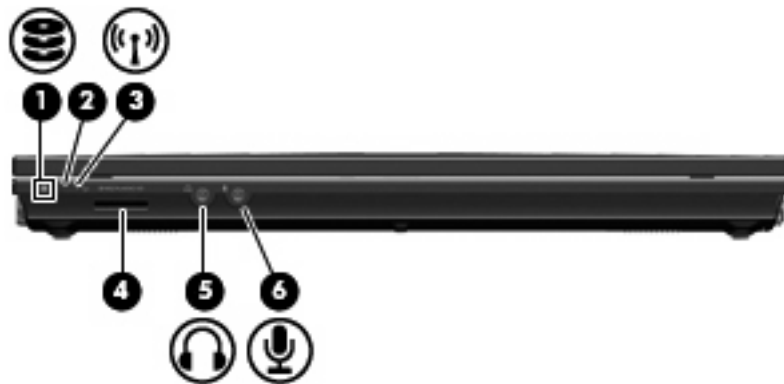


Component	Description
(1) <code>esc</code> key	Displays system information when pressed in combination with the <code>fn</code> key.
(2) <code>fn</code> key	Executes frequently used system functions when pressed in combination with a function key or the <code>esc</code> key.
(3) Function keys	Execute frequently used system functions when pressed in combination with the <code>fn</code> key.
(4) Embedded numeric keypad keys	Can be used like the keys on an external numeric keypad when pressed in combination with the <code>fn</code> and <code>num lk</code> keys.



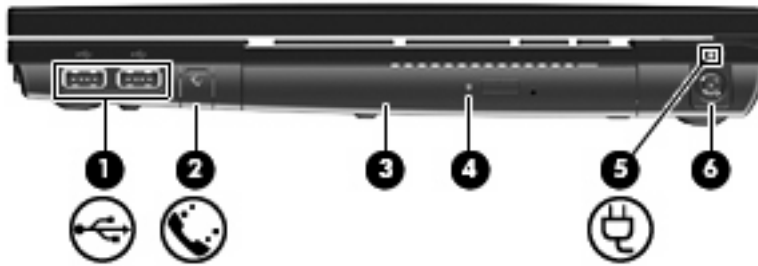
Component	Description
(1) <code>esc</code> key	Displays system information when pressed in combination with the <code>fn</code> key.
(2) <code>fn</code> key	Executes frequently used system functions when pressed in combination with a function key or the <code>esc</code> key.
(3) Function keys	Execute frequently used system functions when pressed in combination with the <code>fn</code> key.
(4) Integrated numeric keypad keys	Can be used like the keys on an external numeric keypad.

Front components



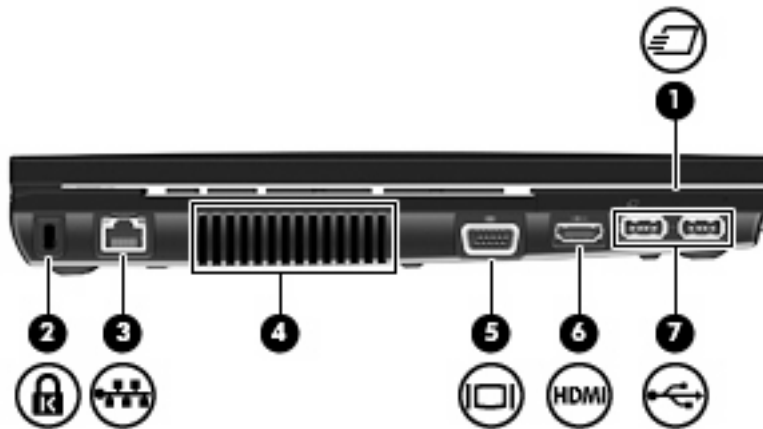
Component	Description
(1) Drive light	Blinking turquoise: The hard drive or optical drive is being accessed.
(2) Wireless switch	Turns the wireless feature on or off but does not establish a wireless connection. NOTE: You must set up or access a wireless network to establish a wireless connection.
(3) 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) Media Card Reader	Supports the following optional digital card formats: <ul style="list-style-type: none"> Memory Stick (MS) Memory Stick Pro (MSP) MultiMediaCard (MMC) MultiMediaCard 4.2 (MMC Plus, including MMC Plus HC) Secure Digital (SD) Memory Card Secure Digital High Capacity (SDHC) Memory Card Secure Digital High Speed (SDHS) Memory Card xD-Picture Card (XD) xD-Picture Card (XD) Type H xD-Picture Card (XD) Type M
(5) Audio-out (headphone) jack	Produces sound when connected to optional powered stereo speakers, headphones, ear buds, a headset, or television audio. NOTE: When a device is connected to the headphone jack, the computer speakers are disabled.
(6) Audio-in (microphone) jack	Connects an optional computer headset microphone, stereo array microphone, or monaural microphone.

Right-side components



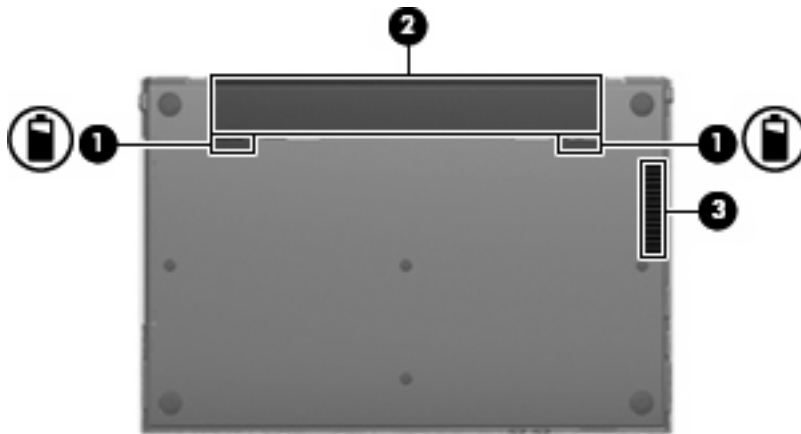
Component	Description
(1) USB ports (2)	Connect optional USB devices.
(2) RJ-11 (modem) jack (select models only)	Connects a modem cable.
(3) Optical drive (select models only)	Reads optical discs and, on select models, also writes to optical discs.
(4) Optical drive light (select models only)	Blinking: The optical drive is being accessed.
(5) Battery light	<ul style="list-style-type: none">• Amber: A battery is charging.• Turquoise: A battery is close to full charge capacity.• 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.• 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.
(6) Power connector	Connects an AC adapter.

Left-side components



Component	Description
(1) ExpressCard slot	Supports optional ExpressCards.
(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.
(3) RJ-45 (network) jack	Connects a network cable.
(4) 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.
(5) External monitor port	Connects an external VGA monitor or projector.
(6) HDMI port	Connects an optional HDMI device
(7) USB ports (2)	Connect optional USB devices.

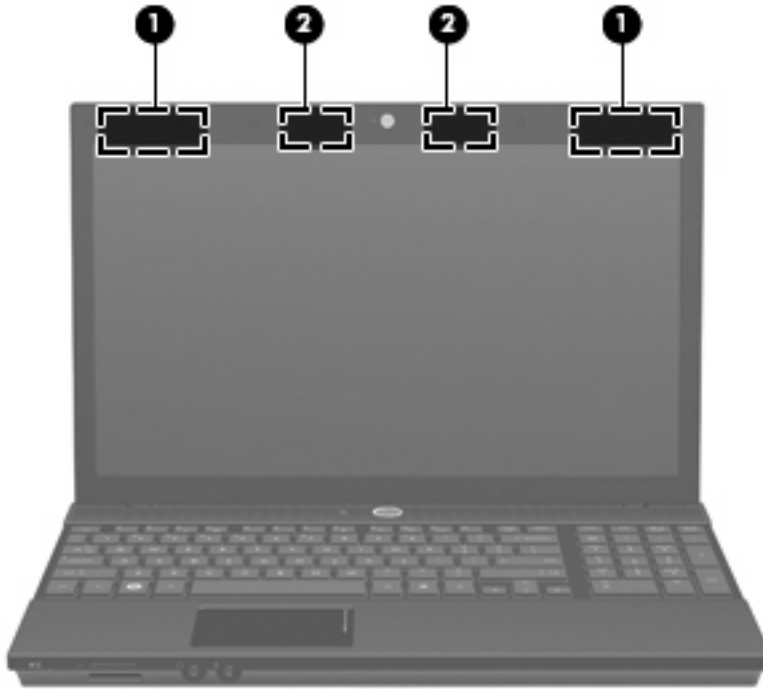
Bottom components



Component	Description
(1) Battery release latches (2)	Release the battery from the battery bay.
(2) Battery bay	Holds the battery.
(3) 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.

Wireless antennas

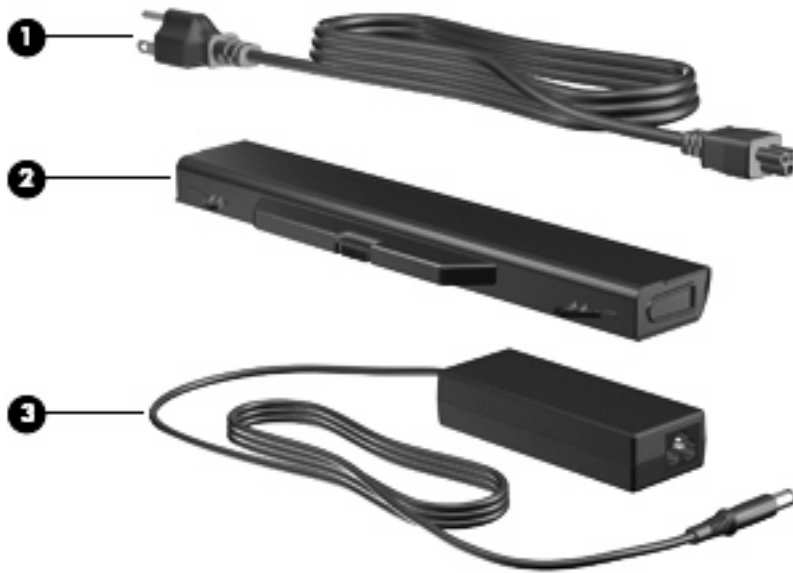


Component	Description
(1) WWAN antennas (2)* (select models only)	Send and receive wireless signals to communicate with wireless wide-area networks (WWAN).
(2) WLAN antennas (2)*	Send and receive wireless signals to communicate with wireless local area networks (WLAN).

*The antennas are not visible from the outside of the computer. For optimal transmission, keep the areas immediately around the antennas 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 on the *User Guide* disc that has been provided with your computer.

Additional hardware components



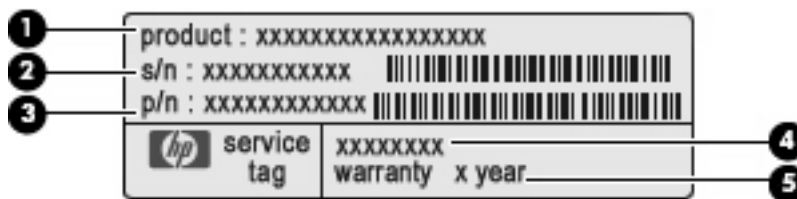
Component	Description
(1) Power cord*	Connects an AC adapter to an AC outlet.
(2) Battery*	Powers the computer when the computer is not plugged into external power.
(3) AC adapter	Converts AC power to DC power.

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

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 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.

- 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 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 to the bottom of the computer.
- 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 to the bottom of the computer.

- SIM (subscriber identity module) label (select models only)—Provides the ICCID (Integrated Circuit Card Identifier) of your SIM. This label is affixed to the bottom of the computer.
- HP Mobile Broadband Module serial number label (select models only)—Provides the serial number of your HP Mobile Broadband Module.

Index

- A**
 - AC adapter, identifying 13
 - audio-in (microphone) jack, identifying 8
 - audio-out (headphone) jack, identifying 8
- B**
 - battery bay 11, 14
 - battery light, identifying 9
 - battery release latches, identifying 11
 - battery, identifying 13
 - bays
 - battery 11, 14
 - Bluetooth label 14
 - buttons
 - Info Center 5
 - power 5
 - QuickLook 5
 - TouchPad 3
- C**
 - caps lock light, identifying 4
 - components
 - additional hardware 13
 - bottom 11
 - display 2
 - front 8
 - left-side 10
 - right-side 9
 - top 3
 - wireless antennas 12
 - connector, power 9
 - cord, power 13
- D**
 - drive light, identifying 8
 - drives
 - optical 9
- E**
 - esc key, identifying 6, 7
 - ExpressCard slot, identifying 10
 - external monitor port, identifying 10
- F**
 - fn key, identifying 6, 7
 - function keys, identifying 6, 7
- H**
 - headphone (audio-out) jack 8
 - HP Mobile Broadband Module serial number label 15
- I**
 - Info Center/QuickLook button, identifying 5
 - Info Center/QuickLook light, identifying 4
 - internal display switch, identifying 2, 5
 - internal microphone, identifying 2
- J**
 - jacks
 - audio-in (microphone) 8
 - audio-out (headphone) 8
 - RJ-11 (modem) 9
 - RJ-45 (network) 10
- K**
 - keypad keys, identifying 6, 7
 - keys
 - esc 6, 7
 - fn 6, 7
 - function 6, 7
 - keypad 6, 7
- L**
 - labels
 - Bluetooth 14
 - HP Mobile Broadband 15
 - modem approval 14
 - regulatory 14
 - service tag 14
 - SIM 15
 - wireless certification 14
 - WLAN 14
 - latches, battery release 11
 - lights
 - battery 9
 - caps lock 4
 - drive 8
 - Info Center/QuickLook 4
 - optical drive 9
 - power 4
 - QuickLook/Info Center 4
 - webcam 2
 - wireless 8
- M**
 - Media Card Reader, identifying 8
 - microphone (audio-in) jack 8
 - modem approval label 14
 - monitor port, external 10
- O**
 - optical drive light, identifying 9
 - optical drive, identifying 9
- P**
 - ports
 - external monitor 10
 - HDMI 10
 - USB 9, 10
 - power button, identifying 5
 - power connector, identifying 9
 - power cord, identifying 13

power light, identifying 4
product name and number,
computer 14

Q

QuickLook/Info Center button,
identifying 5
QuickLook/Info Center light,
identifying 4

R

regulatory information
modem approval label 14
regulatory label 14
wireless certification labels 14
release latches, battery 11
RJ-11 (modem) jack,
identifying 9
RJ-45 (network) jack,
identifying 10

S

scroll zone, TouchPad 3
security cable slot, identifying 10
serial number, computer 14
service tag 14
SIM label 15
slots
ExpressCard 10
security cable 10
speakers, identifying 5
switch, wireless 8

T

TouchPad buttons,
identifying 3
TouchPad scroll zone,
identifying 3
TouchPad, identifying 3
traveling with the computer
modem approval label 14
wireless certification labels 14

U

USB ports, identifying 9, 10

V

vents, identifying 10, 11

W

webcam light, identifying 2

webcam, identifying 2
wireless certification label 14
wireless light, identifying 8
wireless switch, identifying 8
WLAN antennas, identifying 12
WLAN device 14
WLAN label 14
WWAN antennas, identifying 12

