

Product: 2007 HP Pavilion tx1000 Entertainment PC Service Repair Workshop Manual
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HP Pavilion tx1000 Entertainment PC

Maintenance and Service Guide

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This guide is a troubleshooting reference used for maintaining and servicing the computer. It provides comprehensive information on identifying computer features, components, and spare parts; on troubleshooting computer problems; and on performing computer disassembly procedures.

First Edition: January 2007

Document Part Number: 435146-001

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Table of contents

1 Product description

2 External component identification

Top components	4
Pointing devices	4
Keys	5
Display components	6
Front components	8
Right-side components	9
Left-side components	10
Rear components	11
Bottom components	12

3 Unknown user password

4 Illustrated parts catalog

Serial number location	15
Computer major components	16
Display assembly components	20
Plastics Kit	22
Mass storage devices	23
Miscellaneous parts	24
Sequential part number listing	25

5 Removal and replacement procedures

Preliminary replacement requirements	30
Tools required	30
Service considerations	30
Plastic parts	30
Cables and connectors	31
Drive handling	31
Grounding guidelines	32
Electrostatic discharge damage	32
Packaging and transporting guidelines	33
Workstation guidelines	33
Equipment guidelines	34
Component replacement procedures	35
Serial number	35

Battery	36
Pen	37
Hard drive	38
WWAN module	40
Computer feet	41
Optical drive	42
Memory module	43
WLAN module	44
Keyboard	47
Switch cover	50
Display assembly	52
Top cover	59
RTC battery	62
Power switch assembly	63
Bluetooth module	65
System board	66
Pen holder	68
Audio/infrared board	69
WWAN external antenna board	70
Fan/heat sink assembly	71
Processor	74

6 Setup Utility

Starting the Setup Utility	76
Changing the language of the Setup Utility	77
Navigating and selecting in the Setup Utility	77
Displaying system information	77
Restoring default settings in the Setup Utility	78
Using advanced Setup Utility features	78
Closing the Setup Utility	79
Setup Utility menus	79
Main menu	79
Security menu	79
System Configuration menu	80
Diagnostics menu	80

7 Specifications

Computer specifications	81
12.1-inch, WXGA BrightView display specifications	82
Hard drive specifications	83
DVD±RW and CD-RW Super Multi Double-Layer Combo Drive specifications	84
System DMA specifications	85
System interrupt specifications	86
System I/O address specifications	87
System memory map specifications	89

8 Screw listing

Phillips PM2.0×5.0 captive screw	91
Phillips PM3.0×3.0 screw	92

Phillips PM2.0×4.0 screw	93
Phillips PM2.0×4.0 captive screw	97
Phillips PM2.0×11.0 screw	98
Black Phillips PM2.0×7.0 screw	99
Phillips PM2.5×6.0 screw	100
Phillips PM2.0×5.0 screw	101
Silver Phillips PM2.0×7.0 screw	103
Phillips PM2.0×3.0 screw	104

9 Backup and Recovery

Recovering system information	105
Backing up your information	105
When to back up	105
Back up suggestions	105
Using system restore points	106
When to create restore points	106
Create a system restore point	106
Restore to a previous date and time	106
Creating recovery discs	107
Reinstalling software programs and drivers	107
Reinstalling preinstalled programs and drivers	108
Reinstalling programs from discs	108
Performing a recovery	108
Recovering from the recovery discs	109
Recovering from the partition on the hard drive	109
Deleting the recovery partition on the hard drive	109
Updating reinstalled software	110

10 Connector pin assignments

Audio-out (headphone)	111
Audio-in (microphone)	111
External monitor	112
RJ-11 (modem)	113
RJ-45 (network)	113
S-Video-out	114
Universal Serial Bus	114

11 Power cord set requirements

Requirements for all countries or regions	115
Requirements for specific countries or regions	116

12 Recycling

Battery	117
Display	118

Index	124
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1 Product description

Category	Description	Full-featured models	Defeatured models
Product Name	HP Pavilion tx1000 Entertainment PC	✓	✓
Processors	AMD Turion™ 64 Mobile Technology		
	TL-60 (2.0-GHz, 1-MB L2 cache)	✓	✓
	TL-56 (1.8-GHz, 1-MB L2 cache)	✓	✓
	TL-52 (1.6-GHz, 1-MB L2 cache)	✓	✓
	TL-50 (1.6-GHz, 512-KB L2 cache)	✓	✓
	MK-36 (2.0-GHz, 512-KB L2 cache)	✓	✓
Chipset	NVIDIA Northbridge C51M (Mobile Integrated Graphics)	✓	✓
	NVIDIA Southbridge MCP51	✓	✓
Graphics	NVIDIA UMA	✓	✓
Panels	12.1-inch, WXGA (16:10 aspect ratio) BrightView with touch screen	✓	✓
	12.1-inch, WXGA (16:10 aspect ratio) BrightView	✓	✓
Memory	<ul style="list-style-type: none"> Two SODIMM slots Customer accessible/upgradable 	✓	✓
	DDRII PC2-5300 (667 MHz)	✓	✓
	2048-MB total system memory (2048-MB × 2)	✓	✓
	1536-MB total system memory (1024-MB × 1, 512-MB × 1)	✓	✓
	1024-MB total system memory (1024-MB × 1)	✓	✓
	1024-MB total system memory (512-MB × 2)	✓	✓
	512-MB total system memory (512-MB × 1)	✓	✓
Hard drives	<ul style="list-style-type: none"> Supports all 9.5-mm, 2.5-inch hard drives Parallel ATA 	✓	✓
	160-GB, 5400-rpm	✓	✓
	120-GB, 5400-rpm	✓	✓
	80-GB, 5400-rpm	✓	✓

Category	Description	Full-featured models	Defeatured models
	60-GB, 5400-rpm	√	√
Optical drives	<ul style="list-style-type: none"> 12.7-mm tray load Parallel ATA 	√	√
	DVD±RW and CD-RW Super Multi Double-Layer Combo Drive with LightScribe	√	√
	DVD±RW and CD-RW Super Multi Double-Layer Combo Drive	√	√
Web camera	1.3-megapixel camera - fixed (no tilt)	√	√
Diskette drive	Supports external USB drive only	√	√
Audio	<ul style="list-style-type: none"> HD audio - Azalia technology Supports Microsoft Gold requirements Dual array microphones Pavilion-branded Altec Lansing speakers 	√	√
Modem	<ul style="list-style-type: none"> 56K V.92 data/fax modem Supports all world-wide certification requirements Modem cable included 	√	√
Ethernet	<ul style="list-style-type: none"> 10/100/1000 (Gigabit Ethernet) Ethernet cable included 	√	√
Wireless	Integrated wireless local area network (WLAN) options by way of wireless module:		
	802.11a/b/g with Bluetooth (+ Blueflame), includes two 2.4-GHz antennae in display assembly	√	√
	802.11b/g (+ Blueflame) for use only Saudi Arabia and Europe, includes two 2.4-GHz antennae in display assembly	√	√
	802.11b/g for use only in North America, includes two 2.4-GHz antennae in display assembly	√	√
	Integrated wireless wide area network (WWAN) options by way of wireless module		
External media card	<ul style="list-style-type: none"> One ExpressCard 34 slot, supports DVBT TV tuner 5-in-1 Digital Media Slot, supports SD, MMC, SDIO, MS, MSpro, xD 	√	√
Ports	Audio-in (mono microphone)	√	√
	Audio-out (stereo headphone)	√	√
	Audio-out (stereo headphone with S/PDIF)	√	√
	Consumer infrared (one in computer base, one in display assembly)	√	√
	RJ-11 (modem)	√	√
	RJ-45 (Ethernet, includes link and activity lights)	√	√

Category	Description	Full-featured models	Defeated models
	S-Video-out	✓	✓
	USB (3)	✓	✓
	VGA (Dsub 15-pin)	✓	✓
	2-pin AC power	✓	✓
Docking	Docking support	✓	✓
Keyboard/ pointing devices	12.1-inch keyboard with embedded numeric keypad	✓	✓
	TouchPad with 2 buttons and two-way scroll	✓	✓
	Touchscreen pen	✓	✓
Power requirements	4-cell 2.55-Ah Li-ion battery	✓	✓
	6-cell 2.55-Ah Li-ion battery		
	65-W AC adapter with localized cable plug support (2-wire plug with ground pin, supports 2-pin DC connector)	✓	✓
Security	Security cable slot	✓	✓
	Fingerprint reader	✓	✓
Operating system	Preinstalled:		
	Windows Vista™	✓	✓
Serviceability	End-user replaceable parts:		
	AC adapter	✓	✓
	Battery (system)	✓	✓
	Hard drive	✓	✓
	Memory module	✓	✓
	Optical drive	✓	✓
	WLAN module	✓	✓
	WWAN module	✓	

2 External component identification

Top components

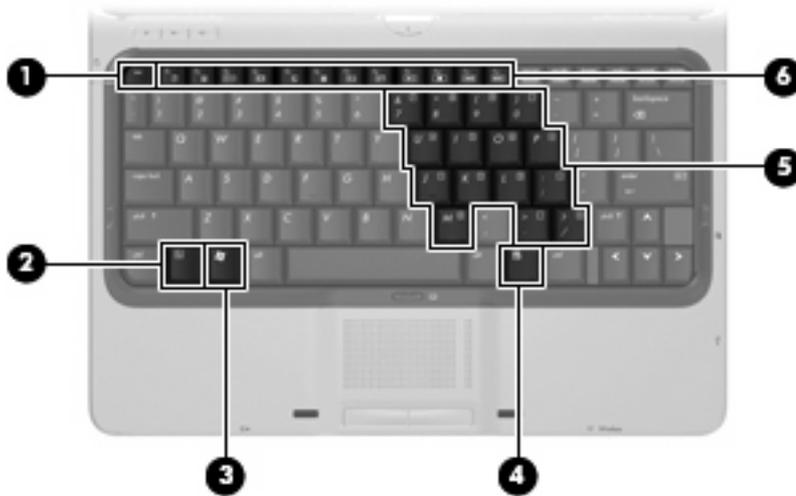
Pointing devices



Item	Component	Function
(1)	TouchPad on/off button	Enables/disables the TouchPad.
(2)	TouchPad*	Moves the pointer and selects or activates items on the screen.
(3)	Left and right TouchPad buttons*	Function like the left and right buttons on an external mouse.
(4)	TouchPad light	<ul style="list-style-type: none">• Blue: TouchPad is enabled.• Amber: TouchPad is disabled.
(5)	TouchPad scroll zone*	Scrolls up or down.

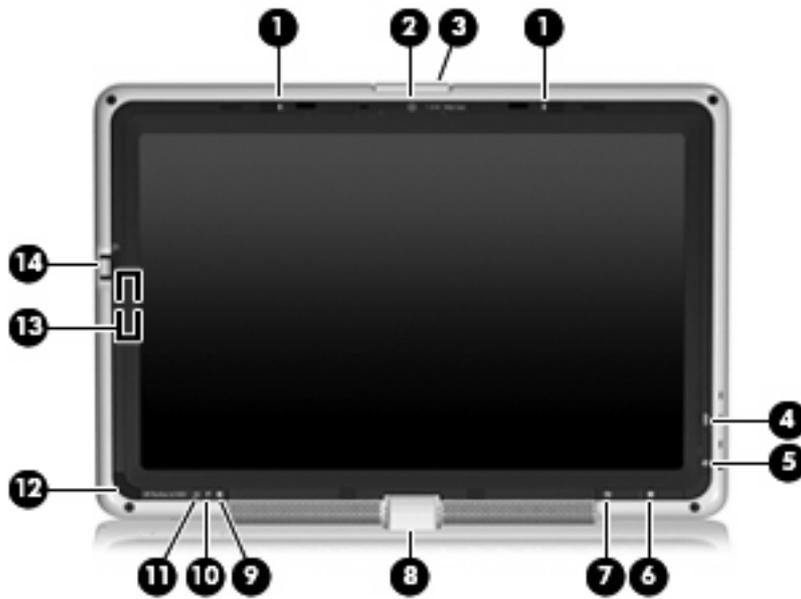
*This table describes factory settings. To view and change pointing device preferences, select **Start > Control Panel > Hardware and Sound > Mouse**.

Keys



Item	Component	Function
(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 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.

Display components



Item	Component	Function
(1)	Internal microphones	Record sound.
(2)	Integrated camera (select models only)	Records video and captures still photographs.
(3)	Display release latch	Opens the computer.
(4)	DVD button	<p>Opens DVD software.</p> <ul style="list-style-type: none"> When the computer is on, press the button to open the default DVD program and start a DVD in the optical drive. When the computer is off, press the button to open QuickPlay and start a DVD in the optical drive. When the computer is in Hibernation, press the button to open QuickPlay and start a DVD in the optical drive.
		<p> NOTE: Refer to the QuickPlay online Help for information on using QuickPlay.</p>
(5)	Media button	<p>Opens music or media software. Can be used in QuickPlay or in Windows.</p> <ul style="list-style-type: none"> When the computer is on, press the button to open the Media menu. When the computer is off, press the button to open the Media menu. When the computer is in the Sleep state, press the button to exit Sleep.
		<p> NOTE: The QuickPlay button does not affect the procedure for exiting Hibernation.</p>

Item	Component	Function
(6)	Mobility Center button	Opens Mobility Center.
(7)	Rotate button	Rotates the screen image clockwise into 4 orientations: landscape primary, landscape secondary, portrait primary, and portrait secondary.
(8)	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.
(9)	Drive light	Blinking: The hard drive or optical drive is being accessed.
(10)	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. 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 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.
(11)	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.
(12)	Consumer infrared lens	Receives a signal from the HP Remote Control.
(13)	Internal display switch	Turns off the display and initiates Sleep if the display is closed while the power is on.
(14)	Fingerprint reader (select models only)	Allows a fingerprint logon to Windows instead of a password logon.

Front components



Item	Component	Function
(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, slide the power switch to the right briefly to exit Sleep. When the computer is in Hibernation, slide the power switch to the right briefly to exit Hibernation. <p>If the computer has stopped responding and Windows shutdown procedures cannot be used, slide the power switch to the right and hold for at least 5 seconds to turn off the computer.</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 (select models only)	Provides enhanced audio performance, including surround sound and other high-end audio output.
(6)	Audio-out (headphone) jack	Produces 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 create a wireless connection.

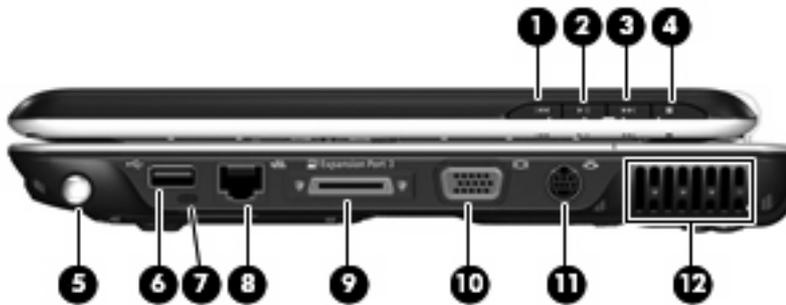


NOTE: A wireless network must be set up in order to establish a wireless connection.

Item	Component	Function
(9)	Wireless light	<ul style="list-style-type: none"> Blue: An integrated wireless device, such as a wireless local area network (LAN) device and/or a Bluetooth® device, is turned on. Amber: All wireless devices are turned off.

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

Right-side components



Item	Component	Function
(1)	Previous/rewind button	<ul style="list-style-type: none"> Plays the previous track or chapter when the button is pressed once. Rewinds media when the button is pressed simultaneously with the fn key.
(2)	Play/pause button	Plays or pauses media.
(3)	Next/fast forward button	<ul style="list-style-type: none"> Plays the next track or chapter. Fast forwards media when pressed simultaneously with the fn key.
(4)	Stop button	Stops playback.
(5)	Pen holder (select models only)	Stores the pen.
(6)	USB port	Connects an optional USB device.
(7)	Pen tether hole (select models only)	Connects the pen tether.
(8)	RJ-45 (network) jack	Connects a network cable.
(9)	Expansion port 3	Connects the computer to an optional expansion product.
		 <p>NOTE: The computer has only one expansion port. The term expansion port 3 describes the type of expansion port.</p>
(10)	External monitor port	Connects an external VGA monitor or projector.

Item	Component	Function
(11)	S-Video-out jack	Connects an optional S-Video device such as a television, VCR, camcorder, overhead projector, or video capture card.
(12)	Vent	Enables 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.

Left-side components



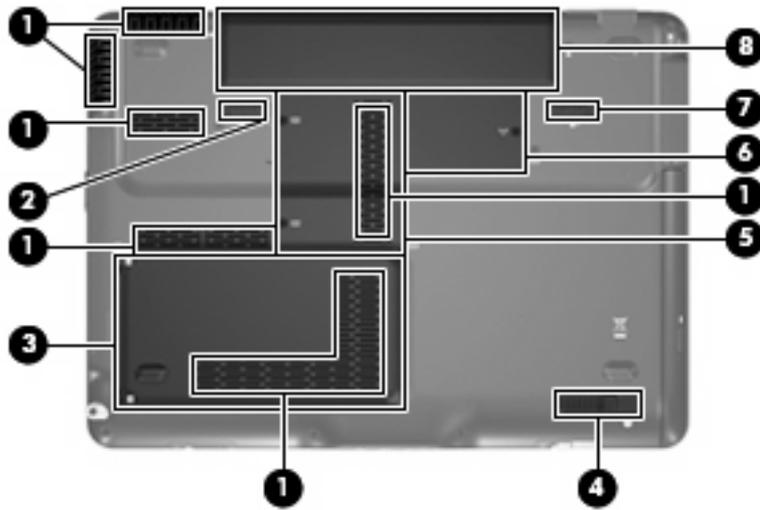
Item	Component	Function
(1)	WWAN external antenna connector	Connects the WWAN external antenna.
(2)	Power connector	Connects an AC adapter.
(3)	ExpressCard slot	Supports optional ExpressCard/34 cards.
(4)	Digital Media Slot	Supports the following optional digital card formats: Secure Digital (SD) Memory Card, MultiMediaCard (MMC), Memory Stick (MS), Memory Stick Pro (MSP), xD-Picture Card (XD), xD-Picture Card (XD) Type M.
(5)	Digital Media Slot light	On: A digital card is being accessed.
(6)	Optical drive	Reads an optical disc.
(7)	Optical drive release button	Releases the optical drive tray.

Rear components



Item	Component	Function
(1)	Vent	Enables 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.
(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.

Bottom components



Item	Component	Function
(1)	Vents (6)	<p>Enable airflow to cool internal components.</p> <p>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.</p> <p>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.</p>
(2)	Battery lock latch	Releases the battery from the battery bay.
(3)	Hard drive, SIM card, and WWAN bay	<p>Holds the hard drive, a SIM card (select models only), and a WWAN module (select models only).</p> <p>CAUTION: The WWAN module and WLAN module are not interchangeable.</p>
(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	<p>Holds a WLAN module (select models only).</p> <p>CAUTION: The WWAN module and WLAN module are not interchangeable.</p>

Item	Component	Function
		 <p>NOTE: To prevent an unresponsive system and the display of a warning message, replace with only a wireless module device authorized for use in the computer by the governmental agency that regulates wireless devices in your country or region. If you replace the device and then receive a warning message, remove the device to restore computer functionality. Then contact technical support through Help and Support.</p>
(7)	Battery release latch	Releases the battery from the battery bay.
(8)	Battery bay	Holds the battery.

3 Unknown user password

If the computer you are servicing has an unknown user password, follow these steps to clear the password.



NOTE: These steps also clear CMOS.

Before disassembling the computer, follow these steps:

1. Shut down the computer. If you are unsure whether the computer is off or in Hibernation, turn the computer on, and then shut it down through the operating system.
2. Disconnect all external devices connected to the computer.
3. Disconnect the power cord.
4. Remove the battery (see [Battery on page 36](#)).
5. Remove the real-time clock (RTC) battery (see [RTC battery on page 62](#)).
6. Wait approximately 5 minutes.
7. Replace the RTC battery and reassemble the computer.
8. Connect AC power to the computer. Do not reinsert any batteries at this time.
9. Turn on the computer.

All passwords and all CMOS settings have been cleared.

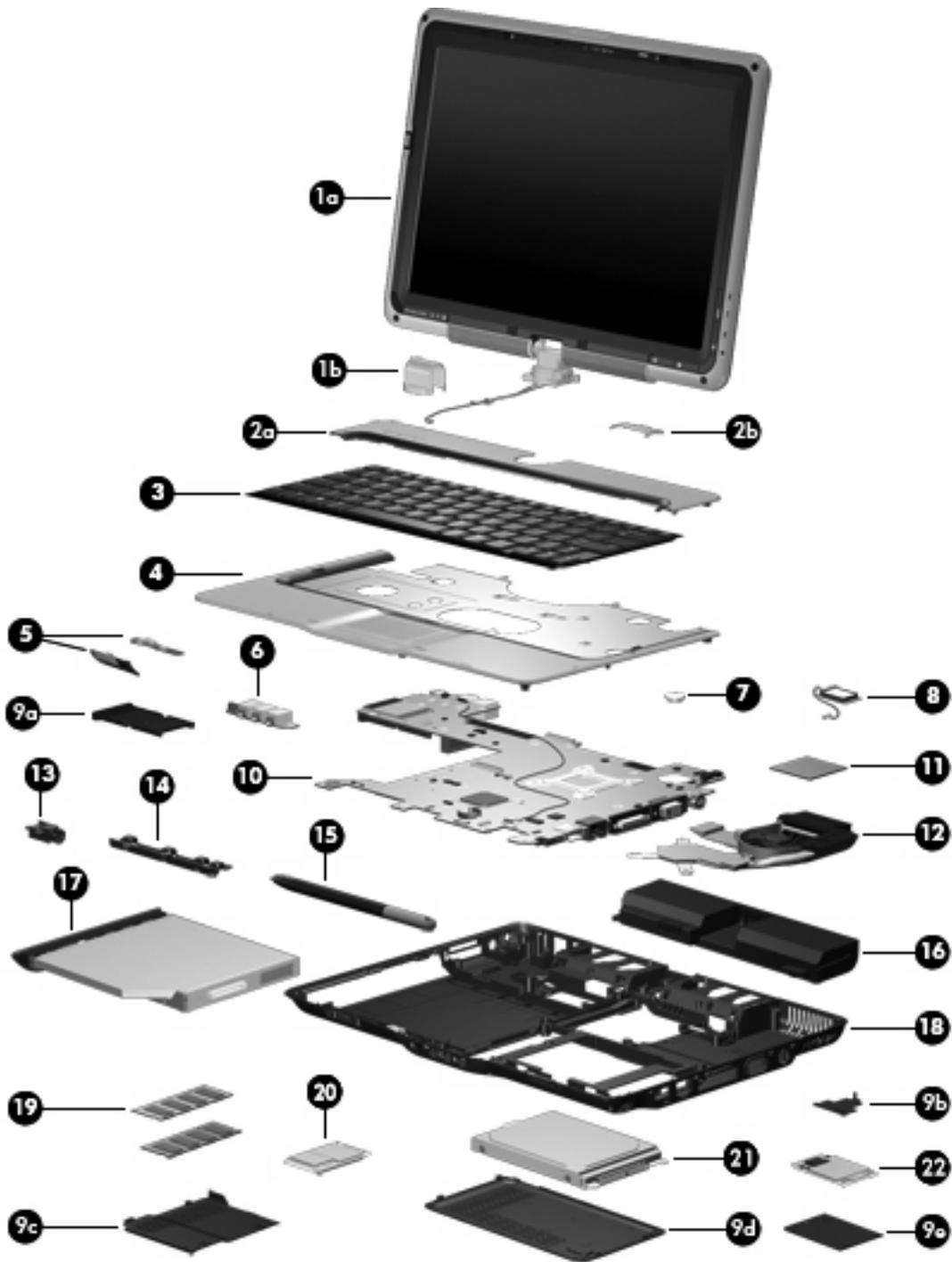
4 Illustrated parts catalog

Serial number location

When ordering parts or requesting information, provide the computer serial number and model number located on the bottom of the computer.



Computer major components



Item	Description	Spare part number
(1a)	Display assemblies	
	12.1-inch, WXGA, BrightView, touch screen display assembly with Web camera, fingerprint reader, and WWAN and WLAN antenna cables	441114-001

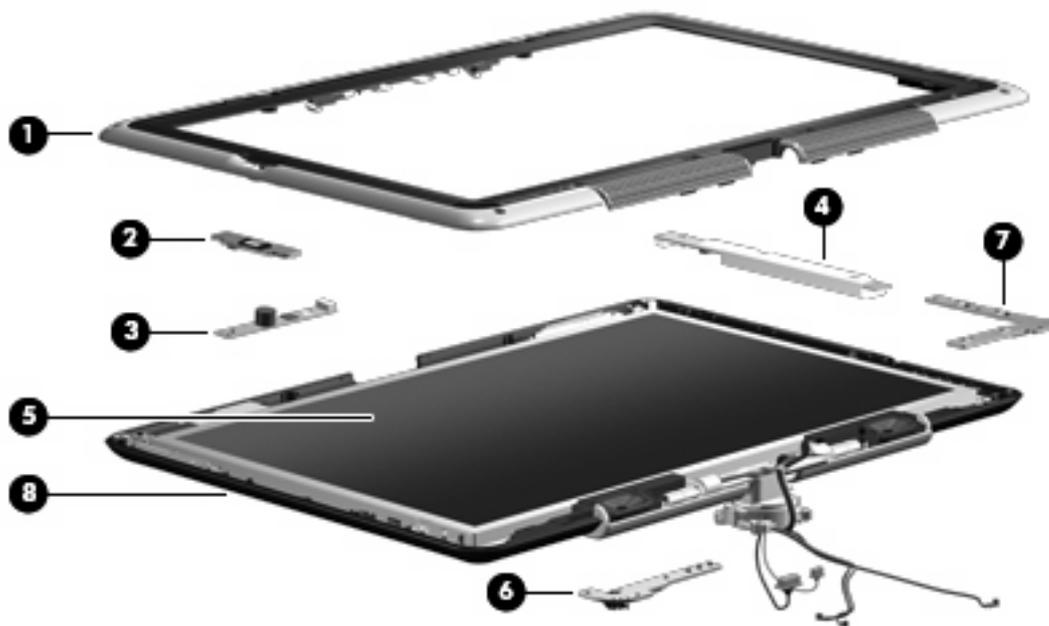
Item	Description	Spare part number
	12.1-inch, WXGA, BrightView, touch screen display assembly with Web camera and WWAN and WLAN antenna cables	441112-001
	12.1-inch, WXGA, BrightView, touch screen display assembly with fingerprint reader and WWAN and WLAN antenna cables	441113-001
	12.1-inch, WXGA, BrightView, touch screen display assembly with WWAN and WLAN antenna cables	441111-001
	12.1-inch, WXGA, BrightView, display assembly with Web camera, fingerprint reader, and WWAN and WLAN antenna cables	441110-001
	12.1-inch, WXGA, BrightView, display assembly with Web camera and WWAN and WLAN antenna cables	441108-001
	12.1-inch, WXGA, BrightView, display assembly with fingerprint reader and WWAN and WLAN antenna cables	441109-001
	12.1-inch, WXGA, BrightView, display assembly with WWAN and WLAN antenna cables	441107-001
	12.1-inch, WXGA, BrightView, touch screen display assembly with Web camera, fingerprint reader, and WLAN antenna cable	441106-001
	12.1-inch, WXGA, BrightView, touch screen display assembly with Web camera and WLAN antenna cable	441104-001
	12.1-inch, WXGA, BrightView, touch screen display assembly with fingerprint reader and WLAN antenna cable	441105-001
	12.1-inch, WXGA, BrightView, touch screen display assembly with WLAN antenna cable	441103-001
	12.1-inch, WXGA, BrightView, display assembly with Web camera, fingerprint reader, and WLAN antenna cable	441102-001
	12.1-inch, WXGA, BrightView, display assembly with Web camera and WLAN antenna cable	441100-001
	12.1-inch, WXGA, BrightView, display assembly with fingerprint reader and WLAN antenna cable	441101-001
	12.1-inch, WXGA, BrightView, display assembly with WLAN antenna cable	441099-001
(1b)	Display convertible hinge cover (included with display assembly)	
(2a)	Switch cover	441135-001
(2b)	Switch cover trim (included with switch cover)	
(3)	Keyboards	
	Windows Vista keyboards for use in the following countries or regions:	
	Brazil	441316-201
	Denmark, Norway, and Sweden	441316-DH1
	Europe	441316-021
	France	441316-051
	French Canada	441316-121
	Germany	441316-041

Item	Description	Spare part number
	Italy	441316-061
	Japan	441316-291
	Korea	441316-AD1
	Latin America	441316-161
	Saudi Arabia	441316-171
	Spain	441316-071
	Taiwan	441316-AB1
	The United Kingdom	441316-031
	The United States	441316-001
	Windows XP keyboards for use in the following countries or regions:	
	Brazil	441133-001
	Canada	441133-DB1
	Europe	441133-021
	French Canada	441133-121
	Latin America	441133-161
	The United States	441133-001
(4)	Top cover (includes TouchPad and TouchPad cable, caps lock light board and cable, and top cover bumper pads)	441134-001
(5)	Power switch assembly (includes power switch board cable and power switch board actuator)	441142-001
(6)	Audio/infrared board (includes audio/infrared board cable)	441144-001
(7)	RTC battery	412390-001
(8)	Bluetooth module (includes Bluetooth module cable)	412766-002
	Plastics Kit	441138-001
(9a)	ExpressCard slot bezel	
(9b)	Display connector cover (includes 1 captive screw, secured by a C-clip)	
(9c)	Memory module compartment cover (includes 2 captive screws, secured by C-clips)	
(9d)	Hard drive cover (includes one rubber foot and 2 captive screws, secured by C-clips)	
(9e)	WLAN module compartment cover (includes 1 captive screw, secured by a C-clip)	
(10)	System boards	
	For use only with computer models equipped with WWAN	441097-001
	For use only with computer models not equipped with WWAN	441096-001
(11)	Processors (include thermal paste)	

Item	Description	Spare part number
	AMD Turion 64 Mobile Technology TL-60 (2.0-GHz, 1-MB L2 cache)	436257-001
	AMD Turion 64 Mobile Technology TL-56 (1.8-GHz, 1-MB L2 cache)	431373-001
	AMD Turion 64 Mobile Technology TL-52 (1.6-GHz, 1-MB L2 cache)	431372-001
	AMD Turion 64 Mobile Technology TL-50 (1.6-GHz, 512-KB L2 cache)	431371-001
	AMD Turion 64 Mobile Technology MK-36 (2.0-GHz, 512-KB L2 cache)	437803-001
(12)	Fan/heat sink assembly (includes thermal paste and thermal pads)	441143-001
(13)	Pen eject assembly	441145-001
(14)	Pen holder	441146-001
(15)	Pen	441147-001
(16)	Batteries	
	6-cell, 2.55-Ah	441132-001
	4-cell, 2.55-Ah	441131-001
(17)	Optical drives (include bezel)	
	DVD±RW and CD-RW Super Multi Double-Layer Combo Drive with LightScribe	441130-001
	DVD±RW and CD-RW Super Multi Double-Layer Combo Drive	441129-001
(18)	Base enclosures (include optical drive release assembly, battery lock latch, battery release latch, and 4 rubber feet, not illustrated)	
	For use only with computer models equipped with WWAN (includes WWAN external antenna board and WWAN external antenna board cable)	441136-001
	For use only with computer models not equipped with WWAN	441137-001
	Rubber Feet Kit (includes 3 base enclosure rubber feet, 2 top cover bumper pads, 8 display bezel screw covers, pen cover, and WWAN external antenna cover, not illustrated)	441139-001
(19)	Memory modules, 1-DIMM	
	PC2-5300, 667-MHz, 1024-MB	441406-001
	PC2-5300, 667-MHz, 512-MB	441405-001
(20)	WWAN module	442023-001
	WWAN external antenna (not illustrated)	441306-001
(21)	Hard drives (all 5400-rpm, include hard drive bracket and hard drive connector)	
	160-GB	441128-001
	120-GB	441127-001
	80-GB	441126-001
	60-GB	441125-001
(22)	WLAN modules	
	802.11a/b/g WLAN module for use in Canada and the United States.	407160-001

Item	Description	Spare part number
	802.11a/b/g WLAN module for use in the following countries or regions. These countries or regions are categorized as the rest of the world (ROW): China, Ecuador, Haiti, Honduras, Pakistan, Peru, Qatar, South Korea, Uruguay, Venezuela	407160-002
	802.11a/b/g WLAN module for use in Japan.	407160-291
	802.11b/g WLAN module for use in the following countries or regions. These countries or regions are categorized as most of the world (MOW): Argentina, Brazil, Canada, Chile, Mexico, Taiwan, the United States	407159-001
	802.11b/g WLAN module for use in the following ROW countries or regions: China, Ecuador, Haiti, Honduras, Pakistan, Peru, Qatar, South Korea, Uruguay, Venezuela	407159-002

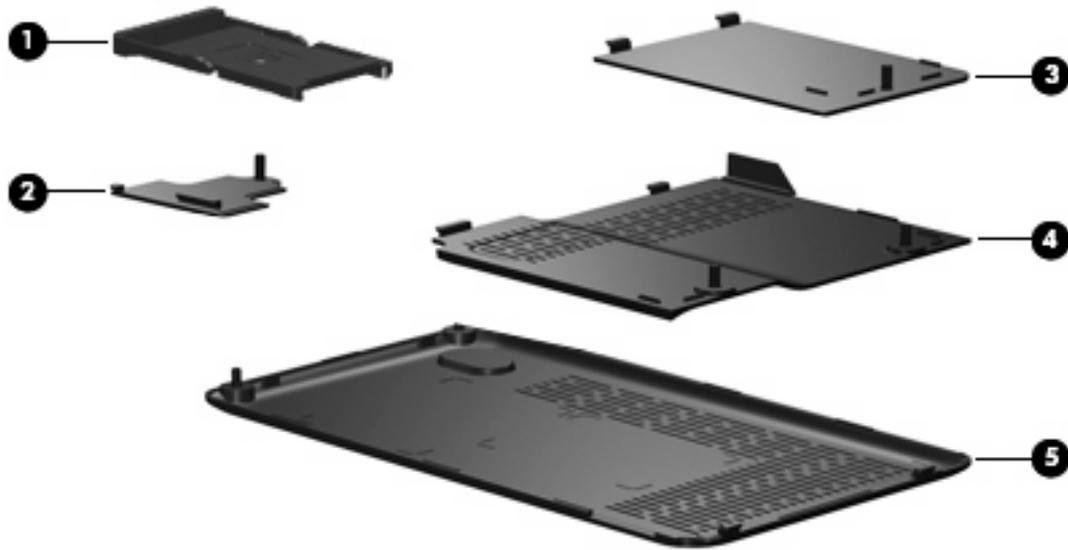
Display assembly components



Item	Description	Spare part number
(1)	Display bezels	
	For use only with computer models equipped with a Web camera and fingerprint reader	441117-001
	For use only with computer models equipped with a Web camera, but not fingerprint reader	441116-001
	For use only with computer models equipped with a fingerprint reader, but not a Web camera	441118-001
	For use only with computer models not equipped with a Web camera or fingerprint reader	441115-001
(2)	Fingerprint reader board (includes bracket)	441121-001

Item	Description	Spare part number
(3)	Web camera module	441120-001
(4)	Display inverter (includes Mylar shield)	441119-001
(5)	Display panels (include display panel cable, Web camera cable, and fingerprint reader cable)	
	For use only with computer models equipped with touch screen display assemblies	441759-001
	For use only with computer models not equipped with touch screen display assemblies	441758-001
(6)	Display LED board	441123-001
(7)	Display QuickPlay board	441122-001
(8)	Display enclosures	
	For use only with computer models equipped with WWAN (includes logo and WWAN and WLAN wireless antenna transceivers and cables)	441401-001
	For use only with computer models not equipped with WWAN (includes logo and WLAN wireless transceivers and cables)	441402-001
	Display Screw Kit (not illustrated)	441124-001
	Display touch boards (not illustrated)	
	For use only with computer models equipped with touch screen display assemblies	441403-001
	For use only with computer models not equipped with touch screen display assemblies	441404-001

Plastics Kit



Item	Description	Spare part number
	Plastics Kit	441 138-001
(1)	ExpressCard slot bezel	
(2)	Display connector cover (includes 1 captive screw, secured by a C-clip)	
(3)	WLAN module compartment cover (includes 1 captive screw, secured by a C-clip)	
(4)	Memory module compartment cover (includes 2 captive screws, secured by C-clips)	
(5)	Hard drive cover (includes 1 rubber foot and 2 captive screws, secured by C-clips)	

Mass storage devices



Item	Description	Spare part number
(1)	Hard drives (all 5400-rpm, include frame and hard drive connector)	
	160-GB	441128-001
	120-GB	441127-001
	80-GB	441126-001
	60-GB	441125-001
(2)	Optical drives (include bezel and bracket)	
	DVD±RW and CD-RW Super Multi Double-Layer Combo Drive with LightScribe	441130-001
	DVD±RW and CD-RW Super Multi Double-Layer Combo Drive	441129-001

Miscellaneous parts

Description	Spare part number
65-watt AC adapter	402108-001
ATSC/NTSC TV tuner antenna	439131-001
ATSC/NTSC/PAL TV tuner	439130-001
DVB-T antenna adapter	412176-001
DVB-T tuner	412175-001
HP backpack	405527-001
HP carrying case	418162-001
HP Remote Control III	435675-001
Infrared emitter with cable	439129-001
Optical wired mouse	436238-001
Power cords:	
Australia	394279-011
Denmark	394279-081
Europe	394279-021
India	394279-D61
Israel	394279-BB1
Italy	394279-061
Korea	394279-AD1
Japan	394279-291
North America	394279-001
Switzerland	394279-111
The United Kingdom	394279-031
Screw Kit	441140-001
<ul style="list-style-type: none">• Phillips PM3.0×3.0 screw• Phillips PM2.5×6.0 screw• Phillips PM2.0×11.0 screw• Black Phillips PM2.0×7.0 captive screw• Silver Phillips PM2.0×7.0 screw• Phillips PM2.0×5.0 captive screw• Phillips PM2.0×5.0 screw• Phillips PM2.0×4.0 captive screw	

Description	Spare part number
<ul style="list-style-type: none"> Phillips PM2.0x4.0 screw Phillips PM2.0x3.0 screw 	
USB digital drive	364727-002
Vista remote control	439128-001
Wired headset with volume control	371693-001
Wireless laser mouse	430958-001

Sequential part number listing

Spare part number	Description
364727-002	USB digital drive
371693-001	Wired headset with volume control
394279-001	Power cord for use in the United States
394279-011	Power cord for use in Australia
394279-021	Power cord for use in Europe
394279-031	Power cord for use in the United Kingdom
394279-061	Power cord for use in Italy
394279-081	Power cord for use in Denmark
394279-111	Power cord for use in Switzerland
394279-291	Power cord for use in Japan
394279-AD1	Power cord for use in Korea
394279-BB1	Power cord for use in Israel
394279-D61	Power cord for use in India
402018-001	65-watt AC adapter
405527-001	HP backpack
407159-001	802.11b/g WLAN module for use in the MOW countries or regions listed below: Argentina, Brazil, Canada, Chile, Mexico, Taiwan, the United States
407159-002	802.11b/g WLAN module for use in the ROW countries or regions listed below: China, Ecuador, Haiti, Honduras, Pakistan, Peru, Qatar, South Korea, Uruguay, Venezuela
407160-001	802.11a/b/g WLAN module for use in Canada and the United States
407160-002	802.11a/b/g WLAN module for use in the ROW countries or regions listed below: China, Ecuador, Haiti, Honduras, Pakistan, Peru, Qatar, South Korea, Uruguay, Venezuela
407160-291	802.11a/b/g WLAN module for use in Japan