

Product: 2007 HP 530 Notebook PC Service Repair Workshop Manual

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HP 530 Notebook PC Maintenance and Service Guide

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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 Product description

2 External component identification

Front components	5
Top components	6
Buttons and lights	6
Keys	7
Pointing devices	8
Right-side components	8
Left-side components	9
Bottom components	10

3 Illustrated parts catalog

Serial number location	11
Computer major components	12
Display assembly components	16
Plastics/Hardware Kit	17
Mass storage devices	18
Miscellaneous parts	19
Sequential part number listing	20

4 Removal and replacement procedures

Preliminary replacement requirements	25
Tools required	25
Service considerations	25
Plastic parts	25
Cables and connectors	26
Drive handling	26
Grounding guidelines	26
Electrostatic discharge damage	26
Packaging and transporting guidelines	28
Workstation guidelines	28
Equipment guidelines	29
Unknown user password	30
Component replacement procedures	31
Serial number	31
Battery	32
Hard drive	33

Computer feet	35
Memory module	35
WLAN module	37
Optical drive	39
Switch cover	41
Keyboard	43
Button board	46
Display assembly	47
Base enclosure	52
RTC battery	54
Fan assembly	55
Heat sink	57
Processor	59
Speaker	60
System board	62
PC Card assembly	65
TouchPad cable	67

5 Computer Setup

Starting Computer Setup	69
Using Computer Setup	70
Navigating and selecting in Computer Setup	70
Restoring factory settings in Computer Setup	70
Computer Setup menus	71
File menu	71
Security menu	72
Diagnostics menu	72
System Configuration menu	73

6 Specifications

Computer specifications	75
15.4-inch, WXGA display specifications	76
Hard drive specifications	77
Primary 4-cell, Li-ion battery specifications	78
DVD±RW and CD-RW Super Multi Double-Layer Combo Drive specifications	79
DVD/CD-RW Combo Drive specifications	80
System DMA specifications	81
System interrupt specifications	82
System I/O address specifications	83
System memory map specifications	85

7 Screw listing

Phillips PM2.5×6.0 captive screw	88
Phillips PM3.0×3.0 screw	89
Phillips PM2.0×9.0 screw	90
Phillips PM2.0×3.0 screw	93
Phillips PM2.0×2.0 screw	96
Phillips PM2.0×7.0 screw	97
Phillips PM2.5×6.0 screw	98

Phillips PM2.5×4.0 screw	100
8 Backup and recovery in Windows Vista	
Creating recovery discs	101
Backing up your information	102
When to back up	102
Backup suggestions	102
Backing up specific files or folders	103
Backing up the entire hard drive	103
Creating recovery points	104
Scheduling backups	104
Performing a recovery	105
Performing a recovery from the recovery discs	105
Performing a recovery from the hard drive	105
Initiating a recovery in Windows	106
Initiating a recovery from the hard drive recovery partition	106
9 Backup and recovery in Windows XP	
Creating recovery discs	107
Backing up your information	108
When to back up	108
Backup suggestions	108
Backing up specific files or folders	109
Backing up the entire hard drive	109
Creating recovery points	110
Scheduling backups	110
Performing a recovery	111
Performing a recovery from the recovery discs	111
Performing a recovery from the hard drive	111
Initiating a recovery in Windows	112
Initiating a recovery from the hard drive recovery partition	112
10 Connector pin assignments	
Audio-out (headphone)	113
Audio-in (microphone)	113
External monitor	114
RJ-11 (modem)	115
RJ-45 (network)	115
Universal Serial Bus	116
11 Power cord set requirements	
Requirements for all countries or regions	117
Requirements for specific countries or regions	118
12 Recycling	
Battery	119
Display	119

Index 125

1 Product description

Category	Description	940GML system board without wireless local area network (WLAN)	940GML system board with WLAN	945GM system board with WLAN
Product Name	HP 530 Notebook PC	✓	✓	✓
Processors	<ul style="list-style-type: none"> Intel® Core™ Duo T2300 (1.66-GHz) processor with 667-MHz front side bus (FSB), 2 MB of L2 cache, socketed 			✓
	<ul style="list-style-type: none"> Intel® Core Duo T2300E (1.66-GHz) processor 667-MHz FSB, 2 MB of L2 cache, socketed 			✓
	<ul style="list-style-type: none"> Intel Core Solo T1400 (1.83-GHz) processor 667-MHz FSB, 2 MB of L2 cache, socketed 			✓
	<ul style="list-style-type: none"> Intel Core Solo T1300 (1.1.66-GHz) processor 667-MHz FSB, 2 MB of L2 cache, socketed 			✓
	<ul style="list-style-type: none"> Intel Celeron® M 420M (1.60-GHz) processor 533-MHz FSB, 512 KB of L2 cache, socketed 	✓	✓	
	<ul style="list-style-type: none"> Intel Celeron M 410M (1.46-GHz) processor 533-MHz FSB, 512 KB of L2 cache, socketed 	✓	✓	
Chipsets	<ul style="list-style-type: none"> Northbridge: Intel 945GM 			✓
	<ul style="list-style-type: none"> Northbridge: Intel 940GML 	✓	✓	
	<ul style="list-style-type: none"> Southbridge: Intel ICH-7M 	✓	✓	✓
Graphics	Unified Memory Architecture (UMA) – graphics subsystem shares memory resources with main system memory	✓	✓	✓
Panels	<ul style="list-style-type: none"> 15.4-inch, WXGA (16:10 aspect ratio) BrightView with wireless antenna transceivers and cables 		✓	✓
	<ul style="list-style-type: none"> 15.4-inch, WXGA (16:10 aspect ratio) BrightView without wireless antenna transceivers and cables 	✓		
Memory	<ul style="list-style-type: none"> Two SODIMM slots Customer-accessible/upgradable 	✓	✓	✓

Category	Description	940GML system board without wireless local area network (WLAN)	940GML system board with WLAN	945GM system board with WLAN
	<ul style="list-style-type: none"> • DDRII PC2-5300 (667-MHz) • Supports the following configurations: <ul style="list-style-type: none"> ◦ 2048 MB total system memory (1024-MB × 2) ◦ 1536 MB total system memory (1024-MB + 512-MB) ◦ 1024 MB total system memory (1024-MB × 1, 512-MB × 2) ◦ 768 MB total system memory (512-MB + 256-MB) ◦ 512 MB total system memory (512-MB × 1, 256-MB × 2) ◦ 256 MB total system memory (256-MB × 1) 			
Hard drives	<ul style="list-style-type: none"> • Supports all 9.5-mm, 2.5-inch hard drives • Parallel ATA • Supports the following drives: <ul style="list-style-type: none"> ◦ 120-GB, 5400-rpm ◦ 80-GB, 5400-rpm 	√	√	√
Optical drives (fixed)	<ul style="list-style-type: none"> • 12.7-mm tray load • Parallel ATA • Fixed, no modular requirements (1 screw removal) • Supports the following drives: <ul style="list-style-type: none"> ◦ DVD±RW and CD-RW Super Multi Double-Layer Combo Drive ◦ DVD/CD-RW Combo Drive 	√	√	√
Diskette drive	Supports external USB drive only	√	√	√
Audio	<ul style="list-style-type: none"> • Conexant CX20549 • Single speaker • Headphone and microphone jacks 	√	√	√
Modem	<ul style="list-style-type: none"> • Conexant CX20548-11 • Modem cable included 	√	√	√
Ethernet	Intel 82562GT	√	√	√

Category	Description	940GML system board without wireless local area network (WLAN)	940GML system board with WLAN	945GM system board with WLAN
Wireless	Integrated wireless options by way of WLAN module: <ul style="list-style-type: none"> WLAN antennae (2, configured in display assembly) Intel 802.11a/b/g Broadcom and Intel 802.11b/g 		√	√
External media card	One Type I/II PC Card slot, 16-bit PCMCIA and 32-bit CardBus	√	√	√
Ports	<ul style="list-style-type: none"> 2-pin AC jack Audio-out (stereo microphone) jack Audio-in (stereo headphone) jack RJ-11 modem jack RJ-45 Ethernet jack (includes link and activity LEDs) USB 2.0 ports (2) VGA port (Dsub 15-pin) 	√	√	√
Docking	No docking support			
Keyboard/pointing devices	<ul style="list-style-type: none"> Keyboard with embedded numeric keypad TouchPad with 2 buttons and one-way scroll 	√	√	√
Power requirements	<ul style="list-style-type: none"> 4-cell, 2.2-Ah, 32-Wh, Li-ion battery <p>NOTE: The HP 530 Notebook PC does not support Smart Battery technology.</p> <ul style="list-style-type: none"> 65-W AC adapter with localized cable plug support (2-wire plug with ground pin, supports 2-pin DC connector) <p>NOTE: The HP 530 Notebook PC does not support Smart AC adapter technology.</p>	√	√	√
Security	Security cable slot	√	√	√
Operating system	Preinstalled: <ul style="list-style-type: none"> Windows Vista™ Home Basic Windows Vista Business 32 Microsoft® Windows® XP Pro (in Japan only) FreeDOS 	√	√	√

Category	Description	940GML system board without wireless local area network (WLAN)	940GML system board with WLAN	945GM system board with WLAN
Serviceability	End-user replaceable parts:			
	• AC adapter	√	√	√
	• Battery (system)	√	√	√
	• Hard drive	√	√	√
	• Memory module	√	√	√
	• WLAN module		√	√

2 External component identification

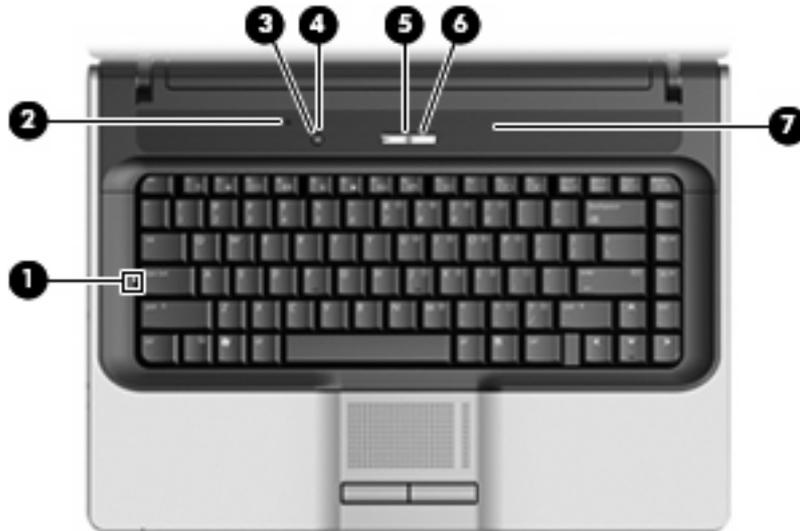
Front components



Item	Component	Function
(1)	Wireless antennae (select models only)	Send and receive signals from one or more wireless devices. These antennae are not visible from the outside of the computer. NOTE: To see wireless regulatory notices, refer to the section of the <i>Regulatory, Safety, and Environmental Notices</i> that applies to your country or region. These notices are located in Help and Support.
(2)	Battery light	<ul style="list-style-type: none">• Amber: A battery is charging.• Green: 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 to blink 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.
(3)	Audio-out (headphone) jack	Produces sound when connected to optional stereo speakers, headphones, ear buds, a headset, or television audio.
(4)	Audio-in (microphone) jack	Connects an optional computer headset microphone, stereo array microphone, or monaural microphone.

Top components

Buttons and lights

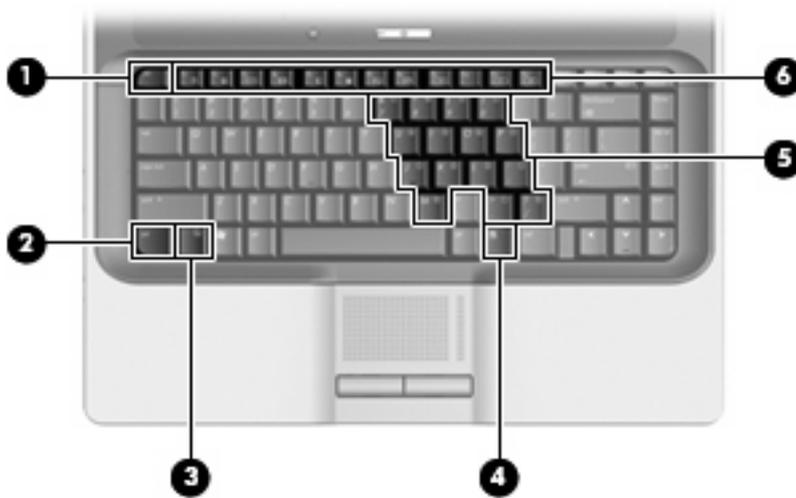


Item	Component	Function
(1)	Caps lock light	On: Caps lock is on.
(2)	Internal display switch	Turns off the display if the display is closed while the power is on.
(3)	Wireless button (select models only)	Turns the wireless feature on or off, but does not create a wireless connection. NOTE: A wireless network must be set up in order to establish a wireless connection.
(4)	Wireless light (select models only)	<ul style="list-style-type: none">On: An integrated wireless device, such as a wireless local area network (WLAN) device, the HP Broadband Wireless Module, and/or a Bluetooth® device, is on.Off: All wireless devices are turned off.
(5)	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 initiate the Sleep state (Windows Vista) or shut down the computer (Windows XP).When the computer is in the Sleep state (Windows Vista) or in Standby (Windows XP), press the button briefly to exit Sleep or Standby.When the computer is in Hibernation, press the button briefly to exit Hibernation. <p>If the computer has stopped responding and Windows® shutdown procedures are ineffective, press and hold the power button for at least 5 seconds to turn off the computer.</p>

Item	Component	Function
		<p>To learn more about power settings, follow these steps:</p> <ul style="list-style-type: none"> In Windows Vista, select Start > Control Panel > System and Maintenance > Power Options. In Windows XP, select Start > Control Panel > Performance and Maintenance > Power Options.
(6)	Power light	<ul style="list-style-type: none"> On: The computer is on. Blinking: The computer is in the Sleep state (Windows Vista) or in Standby (Windows XP). Off: The computer is off or in Hibernation.
(7)	Speaker	Produces sound.

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

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.

Pointing devices

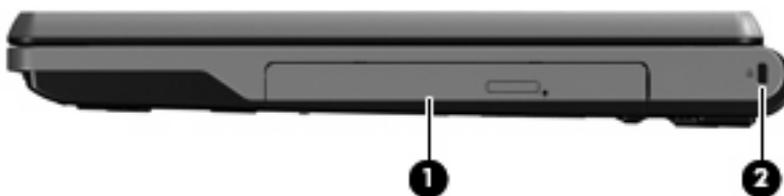


Item	Component	Function
(1)	TouchPad*	Moves the pointer and selects or activates items on the screen.
(2)	Left TouchPad button*	Functions like the left button on an external mouse.
(3)	Right TouchPad button*	Functions like the right button on an external mouse.
(4)	TouchPad scroll zone	Scrolls up or down.

*This table describes factory settings. View or change pointing device preferences as follows:

- In Windows Vista, select **Start > Control Panel > Hardware and Sound > Mouse**.
- In Windows XP, select **Start > Control Panel > Printers and Other Hardware > Mouse**.

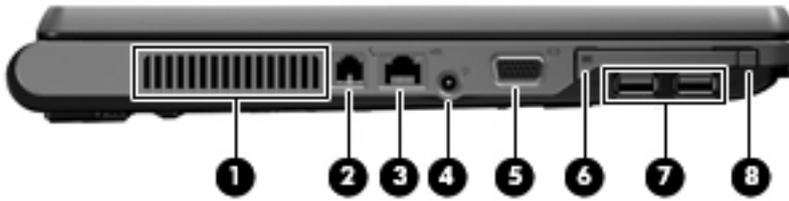
Right-side components



Item	Component	Function
(1)	Optical drive	Reads an optical disc.
(2)	Security cable slot	Attaches an optional security cable to the computer.

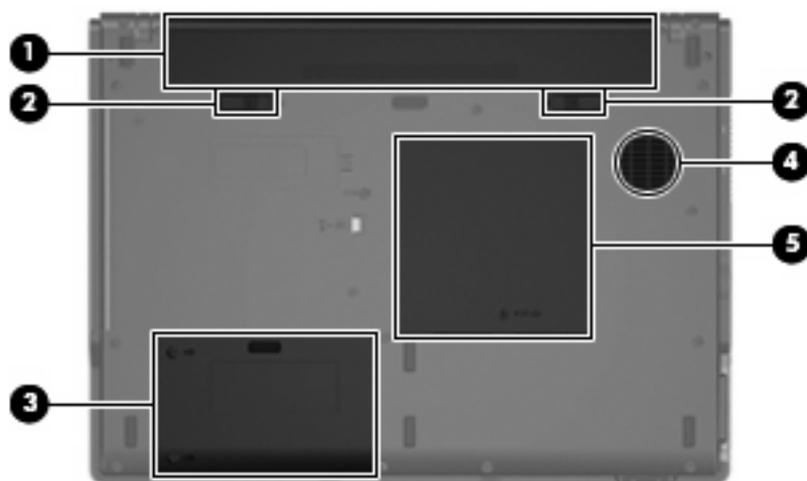
NOTE: The security cable is designed to act as a deterrent, but it may not prevent the computer from being mishandled or stolen.

Left-side components



Item	Component	Function
(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 (select models only)	Connects a modem cable.
(3)	RJ-45 (network) jack	Connects a network cable.
(4)	Power connector	Connects an AC adapter. NOTE: The HP 530 Notebook PC does not support Smart AC adapter technology.
(5)	External monitor port	Connects an optional VGA external monitor or projector.
(6)	PC Card slot	Supports optional Type I or Type II 32-bit (CardBus) or 16-bit PC Cards.
(7)	USB ports (2)	Connect optional USB devices.
(8)	PC Card eject button	Ejects the PC Card from the PC Card slot.

Bottom components



Item	Component	Function
(1)	Battery bay	Holds the battery. NOTE: The HP 530 Notebook PC does not support Smart Battery technology.
(2)	Battery release latches (2)	Release the battery from the battery bay.
(3)	Hard drive bay	Holds the hard drive.
(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)	Memory/WLAN module compartment	Contains two memory module slots and the WLAN module slot. 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. 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.

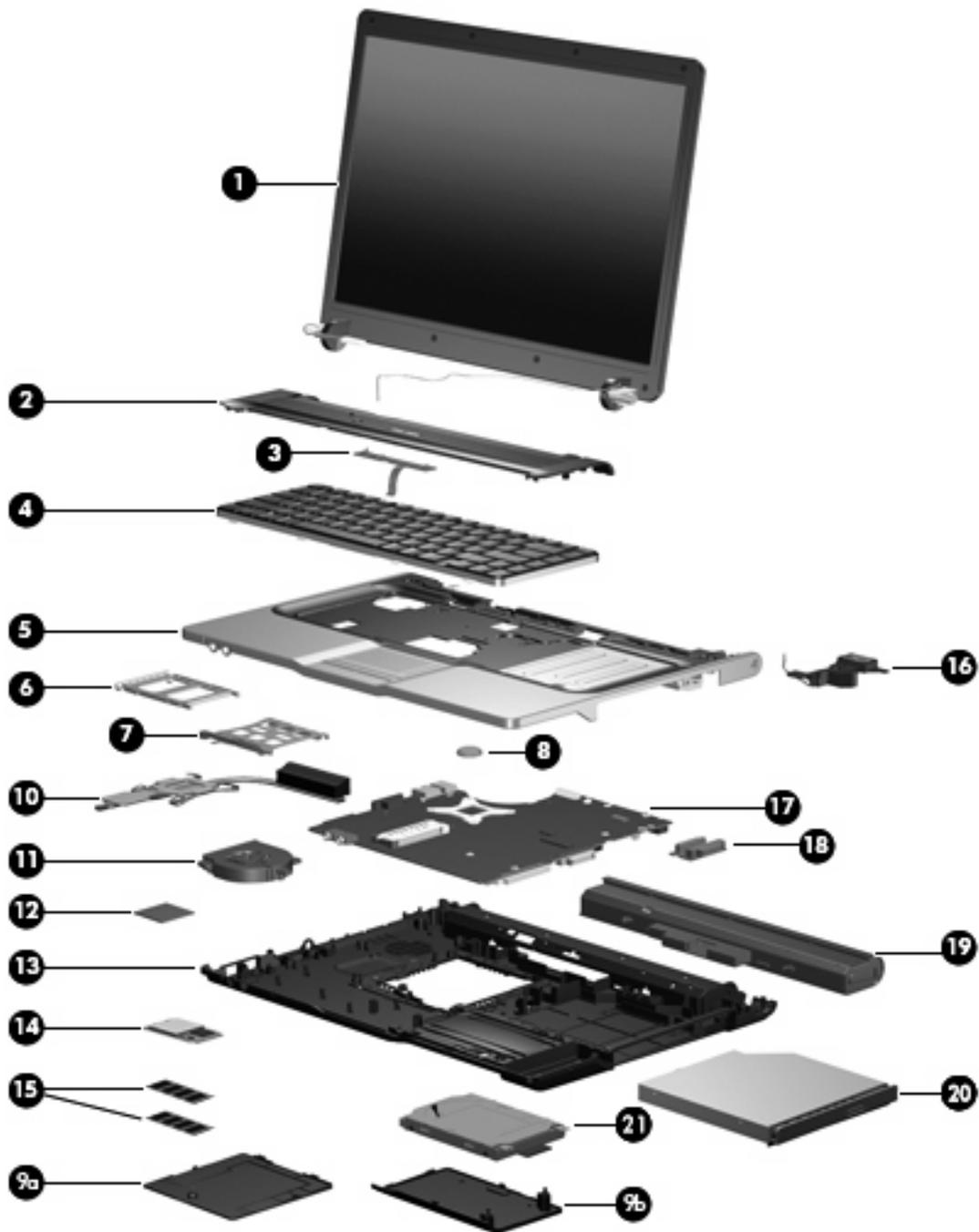
3 Illustrated parts catalog

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
(1)	Display assemblies	
	15.4-inch, WXGA BrightView display assembly for use only with computer models with WLAN capability (includes wireless antenna transceivers and cables)	440716-001
	15.4-inch, WXGA BrightView display assembly for use only with computer models without WLAN capability	440715-001

Item	Description	Spare part number
(2)	Switch covers	
	For use only with computer models with WLAN capability (includes wireless button and wireless light)	441623-001
	For use only with computer models without WLAN capability	441624-001
(3)	Button board	441632-001
(4)	Keyboards	
	Belgium	444340-A41
	The Czech Republic	444340-221
	Denmark	444340-081
	The Netherlands and Europe	444340-021
	France	444340-051
	French Canada	444340-121
	Germany	444340-041
	Greece	444340-151
	Hungary	444340-211
	Israel	444340-BB1
	Italy	444340-061
	Norway	444340-091
	Poland	444340-241
	Portugal	444340-131
	Russia	444340-251
	Saudi Arabia	444340-171
	Slovakia	444340-231
	Slovenia	444340-BA1
	South Africa	444340-AR1
	Spain	444340-071
	Sweden and Finland	444340-B71
	Turkey	444340-141
	The United Kingdom	444340-031
	The United States	444340-001
(5)	Top cover (includes TouchPad and TouchPad cable)	441626-001
	TouchPad cable (not illustrated)	441638-001
(6)	PC Card slot bezel	438527-001
(7)	PC Card assembly	438551-001

Item	Description	Spare part number
(8)	RTC battery	438556-001
	Plastics/Hardware Kit	448431-001
(9a)	Memory/WLAN module compartment cover (includes 1 captive screw, secured by a C-clip)	
(9b)	Hard drive cover (includes 2 captive screws, secured by C-clips)	
(10)	Heat sink (includes thermal paste)	448336-001
(11)	Fan assembly	438528-001
(12)	Processors (include thermal paste)	
	Intel Core Solo T1400 1.83-GHz processor	448326-001
	Intel Core Solo T1300 1.66-GHz processor	448325-001
	Intel Core Duo T2300E 1.66-GHz processor	448324-001
	Intel Core Duo T2300 1.66-GHz processor	448323-001
	Intel Celeron M 420 1.60-GHz processor	448322-001
	Intel Celeron M 410 1.46-GHz processor	448321-001
(13)	Base enclosure (includes 6 rubber feet, not illustrated)	441625-001
	Rubber Feet Kit (includes 8 rubber feet, not illustrated)	438557-001
(14)	WLAN modules	
	802.11a/b/g WLAN modules:	
	<ul style="list-style-type: none"> For use in Antigua and Barbuda, Argentina, Australia, the Bahamas, Barbados, Brunei, Canada, Chile, the Dominican Republic, Guam, Guatemala, Hong Kong, India, Indonesia, Malaysia, Mexico, New Zealand, Panama, Paraguay, Saudi Arabia, Taiwan, the United States, and Vietnam 	407576-001
	<ul style="list-style-type: none"> For use in Aruba, Austria, Azerbaijan, Bahrain, Belgium, Bermuda, Brazil, Bulgaria, the Cayman Islands, Colombia, Croatia, Cyprus, the Czech Republic, Denmark, Egypt, El Salvador, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Italy, Jordan, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, the Netherlands, Norway, Oman, the Philippines, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sweden, Switzerland, Turkey, the United Kingdom, and Uzbekistan 	407576-002
	<ul style="list-style-type: none"> For use in Ecuador, Haiti, Honduras, Pakistan, the People's Republic of China, Peru, Qatar, South Korea, Uruguay, and Venezuela 	407576-003
	<ul style="list-style-type: none"> For use in Japan 	407576-291
	802.11b/g WLAN modules:	
	<ul style="list-style-type: none"> For use in Canada and the United States 	407107-001
	<ul style="list-style-type: none"> For use in Algeria, Andorra, Argentina, Australia, Austria, Bahrain, Bangladesh, Belarus, Belgium, Bolivia, Brazil, Brunei, Bulgaria, Chile, Colombia, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Ecuador, Egypt, El Salvador, Estonia, Finland, France, Germany, Gibraltar, Greece, Guatemala, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Jordan, Kuwait, Latvia, Lebanon, Liberia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malaysia, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Norway, Oman, Pakistan, Panama, Paraguay, People's Republic of China, Peru, Philippines, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Singapore, Slovakia, 	407107-002

Item	Description	Spare part number
	Slovenia, South Africa, South Korea, Spain, Sri Lanka, Sweden, Switzerland, Taiwan, Thailand, Tunisia, Turkey, Ukraine, United Arab Emirates, United Kingdom, Uruguay, Venezuela, Vietnam, and Yemen	
	<ul style="list-style-type: none"> For use in Japan 	407107-291
(15)	Memory modules (667-MHz, PC2-5300, 1-DIMM)	
	1024-MB	409060-001
	512-MB	447518-001
	256-MB	447517-001
(16)	Speaker	441627-001
(17)	System boards	
	For use only with computer models with Intel Core processors and WLAN capability	448434-001
	For use only with computer models with Intel Celeron M processors and WLAN capability	448433-001
	For use only with computer models without WLAN capability	448432-001
(18)	Optical drive connector board	441631-001
(19)	4-cell, 2.2-Ah, 32-Wh battery	440704-001
(20)	Optical drives (include bezel and bracket)	
	DVD±RW and CD-RW Super Multi Double-Layer Combo Drive	438523-001
	DVD/CD-RW Combo Drive	438524-001
(21)	Hard drives (include bracket and connector)	
	120-GB, 5400-rpm	435775-001
	80-GB, 5400-rpm	435773-001

Display assembly components



Item	Description	Spare part number
(1)	Display bezel	440706-001
(2)	Display Bracket/Hinge Kit	440707-001
(3)	15.4-inch, WXGA, BrightView display panel	440711-001
(4)	Display inverter	441628-001
(5)	Wireless Antenna Kit (includes wireless antenna transceivers and cables)	441639-001
(6)	Display enclosures	
	For use only with computer models with WLAN capability (includes logo and wireless antenna transceivers and cables)	440710-001
	For use only with computer models without WLAN capability (includes logo)	440709-001
	Display Cable Kit (not illustrated)	440708-001
	Display Label Kit (not illustrated)	448430-001
	Display Screw Kit (not illustrated)	440714-001

Plastics/Hardware Kit



Item	Description	Spare part number
	Plastics/Hardware Kit	448431-001
(1)	PC Card slot bezel	
(2)	Hard drive cover (includes 2 captive screws, secured by C-clips)	
(3)	Memory/WLAN module compartment cover (includes 1 captive screw, secured by a C-clip)	

Mass storage devices



Item	Description	Spare part number
(1)	Hard drives (include bracket and connector)	
	5400-rpm, 120-GB	435775-001
	5400-rpm, 80-GB	435773-001
(2)	Optical drives (include bezel and bracket)	
	DVD±RW and CD-RW Super Multi Double-Layer Combo Drive	438523-001
	DVD/CD-RW Combo Drive	438524-001

Miscellaneous parts

Description	Spare part number
65-watt AC adapter	417220-001
Power cords:	
Australia	350055-011
Brazil	350055-201
Denmark	350055-081
Europe	350055-021
French Canada	350055-DB1
Israel	350055-BB1
Italy	350055-061
Japan	350055-291
Korea	350055-AD1
People's Republic of China	350055-AA1
Switzerland	350055-BG1
The United Kingdom	350055-031
The United States	350055-001
Screw Kit	441629-001
<ul style="list-style-type: none">• Phillips PM3.0×3.0 screw• Phillips PM2.5×6.0 captive screw• Phillips PM2.5×6.0 screw• Phillips PM2.5×4.0 screw• Phillips PM2.0×9.0 screw• Phillips PM2.0×7.0 screw• Phillips PM2.0×3.0 screw• Phillips PM2.0×2.0 screw	

Sequential part number listing

Spare part number	Description
350055-001	Power cord use in the United States
350055-011	Power cord for use in Australia
350055-021	Power cord for use in Europe
350055-031	Power cord for use in the United Kingdom
350055-061	Power cord for use in Italy
350055-081	Power cord for use in Denmark
350055-201	Power cord for use in Brazil
350055-291	Power cord for use in Japan
350055-AA1	Power cord for use in the People's Republic of China
350055-AD1	Power cord for use in Korea
350055-BB1	Power cord for use in Israel
350055-BG1	Power cord for use in Switzerland
350055-DB1	Power cord for use in French Canada
407107-001	802.11b/g WLAN module for use in Canada and the United States
407107-002	802.11b/g WLAN module for use in Algeria, Andorra, Argentina, Australia, Austria, Bahrain, Bangladesh, Belarus, Belgium, Bolivia, Brazil, Brunei, Bulgaria, Chile, Colombia, Costa Rica, Croatia, Cyprus, Czech Republic, Denmark, Ecuador, Egypt, El Salvador, Estonia, Finland, France, Germany, Gibraltar, Greece, Guatemala, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Ireland, Israel, Italy, Jordan, Kuwait, Latvia, Lebanon, Liberia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malaysia, Mexico, Morocco, Netherlands, New Zealand, Nicaragua, Norway, Oman, Pakistan, Panama, Paraguay, People's Republic of China, Peru, Philippines, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Singapore, Slovakia, Slovenia, South Africa, South Korea, Spain, Sri Lanka, Sweden, Switzerland, Taiwan, Thailand, Tunisia, Turkey, Ukraine, United Arab Emirates, United Kingdom, Uruguay, Venezuela, Vietnam, and Yemen
407107-291	802.11b/g WLAN module for use in Japan
407576-001	802.11a/b/g WLAN module for use in Antigua and Barbuda, Argentina, Australia, the Bahamas, Barbados, Brunei, Canada, Chile, the Dominican Republic, Guam, Guatemala, Hong Kong, India, Indonesia, Malaysia, Mexico, New Zealand, Panama, Paraguay, Saudi Arabia, Taiwan, the United States, and Vietnam
407576-002	802.11a/b/g WLAN module for use in Aruba, Austria, Azerbaijan, Bahrain, Belgium, Bermuda, Brazil, Bulgaria, the Cayman Islands, Colombia, Croatia, Cyprus, the Czech Republic, Denmark, Egypt, El Salvador, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Italy, Jordan, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, the Netherlands, Norway, Oman, the Philippines, Poland, Portugal, Romania, Russia, Serbia and Montenegro, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sweden, Switzerland, Turkey, the United Kingdom, and Uzbekistan
407576-003	802.11a/b/g WLAN module for use in Ecuador, Haiti, Honduras, Pakistan, the People's Republic of China, Peru, Qatar, South Korea, Uruguay, and Venezuela
407576-291	802.11a/b/g WLAN module for use in Japan
409060-001	1024-MB, 667-MHz, PC2-5300, 1-DIMM memory module
417220-001	65-watt AC adapter

Spare part number	Description
435773-001	80-GB, 5400-rpm hard drive (includes hard drive bracket and connector)
435775-001	120-GB, 5400-rpm hard drive (includes hard drive bracket and connector)
438523-001	DVD±RW and CD-RW Super Multi Double-Layer Combo Drive (includes bezel and optical drive bracket)
438524-001	DVD/CD-RW Combo Drive (includes bezel and optical drive bracket)
438527-001	PC Card slot bezel
438528-001	Fan assembly
438551-001	PC Card assembly
438556-001	RTC battery
438557-001	Rubber Feet Kit
440704-001	4-cell, 2.2-Ah, 32-Wh battery
440706-001	Display bezel
440707-001	Display Bracket/Hinge Kit
440708-001	Display Cable Kit
440709-001	Display enclosure for use only with computer models without WLAN capability (includes logo)
440710-001	Display enclosure for use only with computer models with WLAN capability (includes logo and wireless antenna transceivers and cables)
440711-001	15.4-inch WXGA BrightView display panel
440714-001	Display Screw Kit
440715-001	15.4-inch WXGA BrightView display assembly for use only with computer models without WLAN capability (includes wireless antenna transceivers and cables)
440716-001	15.4-inch WXGA BrightView display assembly for use only with computer models with WLAN capability
441623-001	Switch cover for use only with computer models with WLAN capability (includes wireless button and wireless light)
441624-001	Switch cover for use only with computer models without WLAN capability
441625-001	Base enclosure (includes 6 rubber feet)
441626-001	Top cover (includes TouchPad and TouchPad cable)
441627-001	Speaker
441628-001	Display inverter
441629-001	Screw Kit
441631-001	Optical drive connector board
441632-001	Button board
441638-001	TouchPad cable
441639-001	Wireless Antenna Kit (includes wireless antenna transceivers and cables)
444340-001	Keyboard for use in the United States
444340-021	Keyboard for use in the Netherlands and Europe

Spare part number	Description
444340-031	Keyboard for use in the United Kingdom
444340-041	Keyboard for use in Germany
444340-051	Keyboard for use in France
444340-061	Keyboard for use in Italy
444340-071	Keyboard for use in Spain
444340-081	Keyboard for use in Denmark
444340-091	Keyboard for use in Norway
444340-121	Keyboard for use in French Canada
444340-131	Keyboard for use in Portugal
444340-141	Keyboard for use in Turkey
444340-151	Keyboard for use in Greece
444340-171	Keyboard for use in Saudi Arabia
444340-211	Keyboard for use in Hungary
444340-221	Keyboard for use in the Czech Republic
444340-231	Keyboard for use in Slovakia
444340-241	Keyboard for use in Poland
444340-251	Keyboard for use in Russia
444340-A41	Keyboard for use in Belgium
444340-AR1	Keyboard for use in South Africa
444340-B71	Keyboard for use in Sweden and Finland
444340-BA1	Keyboard for use in Slovenia
444340-BB1	Keyboard for use in Israel
447517-001	256-MB, 667-MHz, PC2-5300, 1-DIMM memory module
447518-001	512-MB, 667-MHz, PC2-5300, 1-DIMM memory module
448321-001	Intel Celeron M 410 1.46-GHz processor
448322-001	Intel Celeron M 420 1.60-GHz processor
448323-001	Intel Core Duo T2300 1.66-GHz processor
448324-001	Intel Core Duo T2300E 1.66-GHz processor
448325-001	Intel Core Solo T1300 1.66-GHz processor
448326-001	Intel Core Solo T1400 1.83-GHz processor
448336-001	Heat sink (includes thermal material)
448430-001	Display Label Kit
448431-001	Plastics/Hardware Kit
448432-001	System board for use only with computer models without WLAN capability

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