

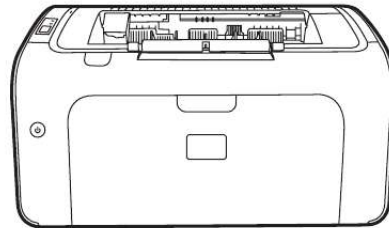


Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for COMPAQ P1007. You'll find the answers to all your questions on the COMPAQ P1007 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual COMPAQ P1007
User guide COMPAQ P1007
Operating instructions COMPAQ P1007
Instructions for use COMPAQ P1007
Instruction manual COMPAQ P1007

HP LaserJet
P1007/P1008/P1505/P1505n
User Guide



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<http://yourpdfguides.com/dref/3235270>

Manual abstract:

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Online user guide compatible with text screen-readers. All doors and covers can be opened with one hand. Kensington lock receptacle on back of device. Interface connections Energy savings Economical printing Archive printing Supplies Accessibility Security ENWW Product features 3 Identify product parts HP LaserJet P1007/P1008 Figure 1-1 HP LaserJet P1007/P1008, front view (HP LaserJet P1008 shown) 1 2 3 4 5 6 7 8 Output bin Foldable Output Tray Extension Priority feed slot Foldable Main Input tray Short Media Extender (HP LaserJet P1007 only) Power button Cartridge door lift-tab Control panel (HP LaserJet P1008 control panel shown) Figure 1-2 HP LaserJet P1007/P1008, back view (HP LaserJet P1008 shown) 1 USB Port 4 Chapter 1 Product information ENWW 2 3 Power receptacle Serial number HP LaserJet P1505/P1505n Figure 1-3 HP LaserJet P1505/P1505n, front view (HP LaserJet P1505n shown) 1 2 3 4 5 6 7 Output bin Foldable Output Tray Extension Priority feed slot Input tray Power button Cartridge door lift-tab Control panel Figure 1-4 HP LaserJet P1505/P1505n, back view (HP LaserJet P1505n shown) 1 USB Port ENWW Identify product parts 5 2 3 4 HP internal network port (HP LaserJet P1500 Series network models only) Power receptacle Serial Number 6 Chapter 1 Product information ENWW 2 Control panel HP LaserJet P1007/P1008 HP LaserJet P1505/P1505n ENWW 7 HP LaserJet P1007/P1008 The HP LaserJet P1007/P1008 control panel contains two lights and one button. NOTE: See Status-light patterns on page 63 for a description of what the light patterns mean. Figure 2-1 HP LaserJet P1007/P1008 control panel (HP LaserJet P1008 shown) 1 2 3 Attention light: Indicates that the print cartridge door is open or other errors exist. Ready light: When the device is ready to print, the Ready light is on. When the device is processing data, the Ready light blinks. Cancel button: To cancel the print job that is currently printing, press the Cancel button (HP LaserJet P1008 only). 8 Chapter 2 Control panel ENWW HP LaserJet P1505/P1505n The HP LaserJet P1505/P1505n control panel contains four lights and two buttons.

NOTE: See Status-light patterns on page 63 for a description of what the light patterns mean. Figure 2-2 HP LaserJet P1505/P1505n control panel (HP LaserJet P1505n shown) 1 2 3 4 5 6 Toner light: When the print cartridge is low, the Toner light illuminates. When the print cartridge is out of the device, the Toner light blinks. Attention light: Indicates that the print cartridge door is open or other errors exist. Ready light: When the device is ready to print, the Ready light is on. When the device is processing data, the Ready light blinks. Go light: Blinks to indicate that there is a continuable error or a manual feed job is ready to continue. Go button: To print a configuration page, press the Go button when the Ready light is on. When the Go light is flashing, press the Go button to continue the print job. Cancel button: To cancel the print job that is currently printing, press the Cancel button.

ENWW HP LaserJet P1505/P1505n 9 10 Chapter 2 Control panel ENWW 3 Product software For proper device setup and access to the full range of device features, full installation of the provided software is required. Following sections describe the software that is provided with your product: Supported operating systems Supported network systems (HP LaserJet P1500 Series network models only) Device connections Software for Windows Software for Macintosh ENWW 11 Supported operating systems The device comes with software for the following operating systems: Windows 2000 Windows Server 2003 (32-bit and 64-bit) For more information about upgrading from Windows 2000 Server to Windows Server 2003; using Windows Server 2003 Point and Print; or using Windows Server 2003 Terminal Services and Printing, go to <http://www.microsoft.com/>. Windows® XP (32-bit) Macintosh OS X V10.2.8, V10.3.9, and V10.4.

3 Windows Vista (32-bit and 64-bit) 12 Chapter 3 Product software ENWW Supported network systems (HP LaserJet P1500 Series network models only) TCP/IP ENWW Supported network systems (HP LaserJet P1500 Series network models only) 13 Device connections USB connections The product supports USB connections. 1. Insert the software installation CD into the computer CD-ROM drive. NOTE: Do not connect the USB cable until prompted. 2. 3. If the installation program does not start automatically, browse the CD contents and run the SETUP.EXE file. Follow the on-screen instructions for setting up your device and installing your software. Network connections (HP LaserJet P1500 Series network models only) The HP LaserJet P1500 Series network models can connect to networks through the HP internal networking port.

Connect the device to the network To connect a networking-equipped product to your network, you need the following items: Functional wired TCP/IP network CAT-5 Ethernet cable To connect the device to your network 1. 2. Connect the CAT-5 Ethernet cable to an available port on the Ethernet hub or router. Connect the Ethernet cable to the Ethernet port on the back of the device. 3. 4. Verify that one of the network lights (10 or 100) is illuminated on the network port located on the back of the device. Print a Configuration page: When the device is in the Ready state, press the Go button. 14 Chapter 3 Product software ENWW NOTE: To resolve network connection problems, see Network-setup problem-solving on page 79. Install the software for the network device To use the device on the network, install the software on a computer that is connected to the network.

See Software for Windows on page 16 or Software for Macintosh on page 18 for information about installing the software. ENWW Device connections 15 Software for Windows Windows printer drivers A printer driver is the software that provides access to printer features and provides the means for the computer to communicate with the device. Printer preferences (driver) Printer preferences control the device. You can change the default settings, such as media size and type, printing multiple pages on a single sheet of media (N-up printing), resolution, and watermarks. You can access the printer preferences in the following ways: Through the software application that you are using to print.

This only changes the settings for the current software application. Through the Windows operating system. This changes the default settings for all future print jobs. NOTE: Because many software applications use a different method of accessing the printer properties, the following section describes the most common methods used in Windows 2000 and Windows XP.



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Printer properties online Help The printer properties online Help, also called the driver Help, includes specific information about the functions in the printer properties.

This online Help guides you through the process of changing your printer default settings. For some drivers, online Help provides context-sensitive help that describes the options for the driver feature you are currently using. To access the printer properties online Help 1. 2. From the software application, click File, and then click Print. Click Properties, and then click Help. Print-setting priorities There are two ways to change print settings for this device: in the software application or in the printer driver. Changes made in the software application override settings changed in the printer driver. Within a software application, changes made in the Page Setup dialog box override changes made in the Print dialog box. If more than one method is available to change a particular print setting, use the method that has the highest priority.

Additional Windows driver types (HP LaserJet P1500 Series network models) The HP LaserJet P1500 Series network models also feature an available PCL 5e printer driver. Use the Microsoft Add Printer feature to install the driver. Install the Windows printer software To install printer software for Windows Server 2003 (print driver only) See the operating system documentation for instructions on installing a printer driver. 16 Chapter 3 Product software ENWW To install printer software for Windows 2000 and XP Insert the software CD that came with the device into the computer CD-ROM drive. Follow the onscreen installation instructions to install the printer software. NOTE: If the Welcome screen does not open, click Start on the Windows taskbar, click Run, type Z:\setup (where Z is your CD drive letter), and click OK. Change printer-driver settings for Windows To change the settings for all print jobs until the software program is closed 1. On the File menu in the software program, click Print. Select the driver, and then click Properties or Preferences. To change the default settings for all print jobs To change the device configuration settings 1.

2. The steps can vary; this procedure is most common. Click Start, click Settings, and then click Printers (Windows 2000) or Printers and Faxes (Windows XP Professional and Server 2003) or Printers and Other Hardware Devices (Windows XP Home). For Windows Vista, click Start, click Control Panel, and then click Printer. 1.

Click Start, click Settings, and then click Printers (Windows 2000) or Printers and Faxes (Windows XP Professional and Server 2003) or Printers and Other Hardware Devices (Windows XP Home). For Windows Vista, click Start, click Control Panel, and then click Printer. 2. Right-click the driver icon, and then select Printing Preferences. 2.

Right-click the driver icon, and then select Properties. Click the Device Settings tab. 3. Embedded Web server (HP LaserJet P1500 Series network models only) You can use the embedded Web server to configure the device, view status information, and obtain problem-solving information. See Embedded Web server (HP LaserJet P1500 Series network models only) on page 43 for more information. ENWW Software for Windows 17 Software for Macintosh Macintosh printer drivers A printer driver is the software component that provides access to printer features and provides the means for the computer to communicate with the device. Install the Macintosh printer driver This section explains how to install the printing system software for Macintosh OS X V10.2.8, V10.3.

9, and V10.4.3. 1. 2. 3. 4. 5. Insert the software CD into the CD-ROM drive and run the installer. Double-click the CD icon on the desktop Double-click the Installer icon.

Follow the instructions on the computer screen. Print a test page or a page from any software program to make sure that the software is correctly installed. If installation fails, reinstall the software. If this fails, see the Known Issues and Workarounds section of the Install Notes. The Install Notes are located on the software CD or at the support Web site (see HP Customer Care on page 88 for the Web address).

Configure the Macintosh printer driver Use one of the following methods to open the Macintosh printer driver from your computer: Operating System To change the settings for all print jobs until the software program is closed To change the print job default To change the configuration settings (for example, turn on settings (for example, add a Print on Both Sides by default) tray or enable/disable manual two-sided printing) 1. On the File menu, click Print.

Change the settings that you want on the various pop-up menus. On the Presets pop-up menu, click Save as and type a name for the preset. 2.

3. 1. Open Printer Setup Utility by selecting the hard drive, clicking Applications, clicking Utilities, then double-clicking Printer Setup Utility. Click the print queue. On the Printers menu, click Show Info. Macintosh OS X V10.2.8, V10.3.9 1.

On the File menu, click Print. Change the settings that you want on the various pop-up menus. 2. 2. 3. These settings are saved in the Presets menu. To use the new settings, you must select the saved preset option every time you open a program and print. Macintosh OS X V10.4.3 1.

On the File menu, click Print. Change the settings that you want on the various pop-up menus. 1. On the File menu, click Print. Change the settings that you want on the various pop-up menus.

2. 3. 1. Open Printer Setup Utility by selecting the hard drive, clicking Applications, clicking Utilities, then double-clicking Printer Setup Utility. Click the print queue.

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Hewlett-Packard Company cannot recommend the use of other brands.



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Because they are not HP products, HP cannot influence or control their quality. It is possible for media to meet all of the guidelines in this user guide and still not produce satisfactory results. This might be the result of improper handling, unacceptable temperature and humidity levels, or other variables over which Hewlett-Packard has no control. Before you purchase a large quantity of media, test the media and make sure that it meets the requirements specified in this user guide and in HP LaserJet printer family media guide. The guidelines can be downloaded from <http://www.hp.com/support/ljpaperguide/>, or see

HP Customer Care on page 88 for more information about ordering the guidelines. CAUTION: Using media that does not meet Hewlett-Packard's specifications might cause problems for the device, requiring repair. This repair is not covered by the Hewlett-Packard warranty or service agreements.

22 Chapter 4 Supported paper and other media ENWW Supported media sizes Your product supports a number of paper sizes and adapt to various media. You can change the paper size on the Paper tab in the printer driver, or in the embedded Web server (HP LaserJet P1500 Series network models only). Size is Letter (default in US, Canada, Mexico and Latin America) Legal Executive A4 (worldwide default outside of U.S., Canada, Mexico, and Latin America) A5 A6

B5 (JIS) Envelope #10 Envelope DL Envelope C5 Envelope B5 Envelope Monarch 16K Dimensions 216 x 279 mm (8.

5 x 11 inches) 216 x 1194 mm (8.5 x 14 inches) 184 x 267 mm (7.24 x 10.51 inches) 210 x 297 mm (8.27 x 11.

69 inches) 148 x 210 mm (5.83 x 8.27 inches) 105 x 148 mm (4.13 x 5.83 inches) 182 x 257 mm (7.17 x 10.12 inches) 105 x 241 mm (4.13 x 9.49 inches) 110 x 220 mm (4.33 x 8.

66 inches) 162 x 229 mm (6.93 x 9.84 inches) 176 x 250 mm (6.93 x 9.84 inches) 98 x 191 mm (3.86 x 7.52 inches) 197 x 273 mm (7.75 x 10.75 inches) 195 x 270 mm (7.68 x 10.

63 inches) 184 x 260 mm (7.24 x 10.24 inches) 8.5 x 13 B5 (ISO) Post Card Double Post Card 216 x 330 mm (8.5 x 13 inches) 176 x 250 mm (6.93 x 9.84 inches) 100 x 148 mm (3.94 x 5.83 inches) 148 x 200 mm (5.83 x 7.

87 inches) ENWW Supported media sizes 23 Select print media Consider these factors when choosing print media. Media that can damage the device Do not use media that can damage the device. Do not use media with staples attached. Do not use transparencies, labels, photo, or glossy paper designed for inkjet printers or other lowtemperature printers. Use only media that is specified for use with HP LaserJet printers. Do not use paper that is embossed or coated and is not designed to withstand the fuser temperature. Do not use letterhead paper that was created by using low temperature dyes or thermography.

Preprinted forms or letterhead must use inks that are designed to withstand the fuser temperature. Do not use any media that produces hazardous emissions, or that melts, offsets, or discolors when exposed to the fuser temperature. To order HP LaserJet printing supplies, go to [http://www.](http://www.hp.com/go/ljsupplies/)

[hp.com/go/ljsupplies/](http://www.hp.com/go/ljsupplies/) in the U.S. or to <http://www.hp.com/ghp/buyonline.html/> worldwide. Media to avoid Using media that is outside the device specifications causes a decrease in print quality and an increase in jams. Do not use paper that is too rough. Use paper that is tested at less than 250 Sheffield smoothness.

Do not use paper that contains cutouts or perforations, other than standard three-hole punched paper. Do not use multipart or multipage forms. To ensure even toner coverage, do not use paper that includes a watermark if you are printing solid patterns. 24 Chapter 4 Supported paper and other media ENWW Special media for printing This device supports printing on special media. Envelopes Store envelopes flat.

Envelopes should not be wrinkled, nicked, stuck together, or otherwise damaged. Do not use envelopes that have clasps, snaps, windows, coated linings, self-stick adhesives, or other synthetic materials. Only use envelopes where the seam extends all the way to the corner of the envelope as indicated in the following illustration. 1 2 Acceptable Unacceptable Envelopes that contain a peel-off adhesive strip or more than one flap that folds over to seal must use adhesives that are compatible with the heat and pressure in the fuser. Failure to follow these guidelines can result in jams.

CAUTION: Labels When selecting labels, consider the quality of each component: Only use labels that have no exposed backing between them. Labels must lie flat. Do not use labels that have wrinkles or bubbles, or are damaged. Use only full sheets of labels. This device does not support printing on partial sheets of labels. For instructions on loading labels, see Print Types and tray capacity on page 31 Transparencies For tray, media-orientation, and driver settings, see Print Types and tray capacity on page 31. Place transparencies on a flat surface after removing them from the device. ENWW Special media for printing

25 CAUTION: To avoid device damage, only use transparencies that are recommended for use in laser printers. Transparent print media not designed for LaserJet printing melts in the fuser, and damages the fuser. Letterhead or preprinted forms Avoid using raised or embossed letterhead.

Use only non-flammable inks that do not damage the print rollers. Heavy paper Do not use paper that is heavier than the recommended media specification for this device. 26 Chapter 4 Supported paper and other media ENWW 5 Print tasks Print-quality settings Load media Print on special media Canceling a print job ENWW 27 Print-quality settings Print-quality settings affect print resolution and toner usage. Use the following procedure to change print-quality settings: 1. 2. Open the printer Properties (or Printing Preferences in Windows 2000 and XP). See Printer preferences (driver) on page 16 for instructions.

On the Paper/Quality tab or the Finishing tab (the Paper Type/Quality tab in some Mac drivers), select the print-quality setting you want to use. The following options are available: FastRes 600 (HP LaserJet P1007/P1008 only): This setting provides 600 dpi effective output quality. 600 dpi (HP LaserJet P1505/P1505n only): This setting provides 600 x 600 dpi output with Resolution Enhancement technology (REt) for improved text.

FastRes 1200: This setting provides 1200 dpi effective output quality. EconoMode: Text is printed using less toner. This setting is useful when you are printing drafts. You can turn on this option independently of other print-quality settings. NOTE: Not all printer features are available in all drivers or operating systems.

See the printer Properties (driver) online Help for information about availability of features for that driver. 28 Chapter 5 Print tasks ENWW Load media CAUTION: If you try to print on media that is wrinkled, folded, or damaged in any way, a jam might occur. See Clearing jams on page 66 for more information.



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On the Finishing tab, select the option to Print On Both Sides (Manually). Select the appropriate binding option, and click OK. Print the document. NOTE: Not all printer features are available from all drivers or operating systems. See the printer properties (driver) online Help for information about availability of features for that driver. 34 Chapter 5 Print tasks ENWW 4. After side one has printed, without changing the orientation, remove the paper stack from the output bin. Do not discard blank sheets. Maintaining the same orientation, insert the paper stack into the priority feed tray or the main tray, printed side down. 5.

6. Print side two. Fold and staple the pages. Printing watermarks Use the watermark option to print text "underneath" (in the background of) an existing document. For example, you might want to have large gray letters spelling out Draft or Confidential across the first page or all of the pages of a document. ENWW Print on special media 35 1. 2. From your software application, access the printer Properties (or Printing Preferences in Windows 2000 and XP). On the Effects tab, select the watermark you want to use. NOTE: Not all printer features are available from all drivers or operating systems.

See the printer properties (driver) online Help for information about availability of features for that driver. 3. Print the document. Printing mirror images When printing a mirror image, the text and pictures are reversed so that they will be correct when viewed in a mirror or transferred to a printing plate. 1. 2. From your software application, access the printer Properties (or Printing Preferences in Windows 2000 and XP). On the Paper/Quality tab, select the Mirror Printing check box. NOTE: Not all printer features are available from all drivers or operating systems. See the printer properties (driver) online Help for information about availability of features for that driver.

3. Print the document. 36 Chapter 5 Print tasks ENWW Canceling a print job You can cancel a print job from a software application or a print queue. To stop the device immediately, remove the remaining paper from the device. After the device stops, use one of the following options. Device control panel (HP LaserJet P1008/P1500 Series only): Press Cancel. Software application: Typically, a dialog box appears briefly on your screen, allowing you to cancel the print job. Windows print queue: If a print job is waiting in a print queue (computer memory) or print spooler, delete the job there. Click Start, Settings, and Printers or Printers and Faxes. Double-click the printer icon to open the window, select your print job, and click Delete or Cancel.

If the status lights on the control panel continue to blink after you cancel a print job, the computer is still sending the job to the device. Either delete the job from the print queue or wait until the computer finishes sending data. The device will return to the Ready state. ENWW Canceling a print job 37 38 Chapter 5 Print tasks ENWW 6 Managing and maintenance Replace the print cartridge Printer information pages Embedded Web server (HP LaserJet P1500 Series network models only) Manage supplies Clean the device Change the pickup roller Clean the pickup roller Change the printer separation pad EconoMode ENWW 39 Replace the print cartridge 1. Open the print-cartridge door, and remove the old print cartridge. See the recycling information inside the print-cartridge box. To prevent damage to the print cartridge, minimize its exposure to direct light by covering it with a sheet of paper. 2. Remove the new print cartridge from the packaging. CAUTION: To prevent damage to the print cartridge, hold the print cartridge at each end.

3. Pull the tab until all the tape is removed from the cartridge. Put the tab in the print-cartridge box to return for recycling. 4. Gently rock the toner cartridge from front to back to distribute the toner evenly inside the cartridge.

40 Chapter 6 Managing and maintenance ENWW 5. Insert the print cartridge in the device and close the print-cartridge door. CAUTION: If toner gets on your clothing, wipe it off with a dry cloth and wash the clothing in cold water. Hot water sets toner into the fabric. NOTE: When toner is low, faded or light areas appear on the printed page.

You might be able to temporarily improve print quality by redistributing the toner. To redistribute the toner, remove the cartridge from the device and gently rock it from front to back. ENWW Replace the print cartridge 41 Printer information pages Demo page The Demo page contains examples of text and graphics. To print the Demo page, select it from the Print Information Pages drop-down on the Services tab in Printer Preferences. Configuration page The

Configuration page lists current settings and properties of the device. It also contains a status log report. To print a configuration page, do one of the following: Press the Go button when the device Ready light is on and no other jobs are printing (HP LaserJet P1505/P1505n only). Select it from the Print Information Pages drop-down on the Services tab in Printer Preferences. Supplies Status page You can print the Supplies Status page by selecting it from the Print Information Pages drop-down on the Services tab in Printer Preferences. The Supplies Status page provides the following information: The estimated percentage of toner remaining in the print cartridge The number of pages and print jobs that have been processed Ordering and recycling information 42

Chapter 6 Managing and maintenance ENWW Embedded Web server (HP LaserJet P1500 Series network models only) Use the embedded Web server (EWS) to view device and network status and to manage printing functions from your computer.

View device status information Determine the remaining life on all supplies and order new ones View and change the device default configuration settings View and change network configuration You do not need to install any software on the computer. You only need to use one of these supported Web browsers: Internet Explorer 6.0 (and later) Netscape Navigator 7.0 (and later) Firefox 1.0 (and later) Mozilla 1.6 (and later) Opera 7.0 (and later) Safari 1.2 (and later) Konqueror 3.2 (and later) The embedded Web server works when the device is connected to a TCP/IP-based network. The embedded Web server does not support IPX-based connections or direct USB connections.

NOTE: You do not have to have Internet access to open and use the embedded Web server. However, if you click a link on any of the pages, you must have Internet access in order to go to the site associated with the link. Open the embedded Web server To open the embedded Web server, type the IP address or hostname of the device in the address field of a supported Web browser. To find the IP address, print a Configuration page at the device by pressing the Go button when the Ready light is on and no other jobs are printing.



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NOTE: The HP LaserJet P1500 Series network models only support IPv6.

For more information go to <http://www.hp.com/support/ljp1500>. TIP: After you open the URL, bookmark it so that you can return to it quickly in the future. The embedded Web server has three tabs that contain settings and information about the device: the Information tab, the Settings tab, and the Networking tab. ENWW Embedded Web server (HP LaserJet P1500 Series network models only) 43 Information tab The Information pages group consists of the following pages: Device Status displays the status of the device and HP supplies. Device Configuration shows the information found on the Configuration page. Supplies Status shows the status of HP supplies and provides supplies part numbers. To order new supplies, click Order Supplies in the upper-right part of the window. Network Summary shows the information found on the Network Summary page. Settings tab Use this tab to configure the device from your computer. If this device is networked, always consult with the device administrator before changing settings on this tab. The Settings tab contains the Printing page where you can view and change the default print job settings and PCL 5e settings. Networking tab Network administrators can use this tab to control network-related settings for the device when it is connected to an IP-based network. Links Links are located in the upper-right part of the Status pages.

You must have Internet access in order to use any of these links. If you use a dial-up connection and did not connect when you first opened the embedded Web server, you must connect before you can visit these Web sites. Connecting might require that you close the embedded Web server and reopen it. Order Supplies. Click this link to connect to the Sure Supply Web site and order genuine HP supplies from HP or a reseller of your choice. Product Support. Connects to the product support site. You can search for help regarding general topics. 44 Chapter 6 Managing and maintenance ENWW Manage supplies For warranty information about these supplies, see Service and support on page 83. Supplies life HP LaserJet P1007/P1008: Average yield for the replacement standard black print cartridge is 1500 pages in accordance with ISO/IEC 19752.

Actual yield depends on specific use. HP LaserJet P1505/P1505n: Average yield for the replacement standard black print cartridge is 2000 pages in accordance with ISO/IEC 19752. Actual yield depends on specific use. Check and order supplies Check the supplies status from the control panel by printing a Supplies Status page from the device software. Hewlett-Packard recommends placing an order for a replacement print cartridge when the Low message for a print cartridge first appears.

For typical use, the Order message indicates that approximately two weeks of life remain. When using authentic HP print cartridges, you can obtain the following types of supplies information: Amount of cartridge remaining Estimated number of pages remaining Number of pages printed Other supplies information When toner supply levels are low, an alert appears on the computer screen during printing. NOTE: If the supplies levels are low, reorder supplies through the local HP dealer, by telephone, or online. See Order supplies and accessories on page 82 for part numbers. See <http://www.hp.com/go/ljsupplies> to order online. Supplies storage guidelines Follow these guidelines for storing print cartridges: Do not remove the print cartridge from its package until it is ready for use. To prevent damage, do not expose the print cartridge to light for more than a few minutes. See Table C-5 Environmental specifications on page 94 for operating and storage temperature ranges. Store the supply in a horizontal position. Store the supply in a dark, dry location away from heat and magnetic sources. Replace and recycle supplies When installing a new HP print cartridge, follow the instructions included on the print-cartridge box, or see the Getting Started Guide. ENWW Manage supplies 45 Recycling supplies: Place the used supply in the box in which the new supply arrived Complete the enclosed return label Send the used supply to HP for recycling For complete information, see the recycling guide included with each new HP supply item. See Return and recycling instructions on page 103 for more information about HP's recycling program.

Redistribute toner If faded or light areas appear on the printed page, you might be able to temporarily improve print quality by redistributing the toner. 1. 2. Remove the print cartridge from the printer. To redistribute the toner, gently rock the print cartridge from front to back. CAUTION: If toner gets on your clothing, wipe it off with a dry cloth and wash the clothing in cold water. Hot water sets toner into the fabric. 3. Reinsert the print cartridge into the printer, and close the print cartridge door. If the print is still light or unacceptable, install a new print cartridge.

HP policy on non-HP supplies Hewlett-Packard Company cannot recommend the use of non-HP supplies, either new or remanufactured. @@@@To print, press OK the first time this non-HP supply is installed. @@@@WARNING! @@1. Unplug the power cord from the device. @@Doing so can damage the device.

@@@@@@@@@1. 2. 3. Make sure that the device is idle and the Ready light is on. Load the media in the input tray.

Print a cleaning page. @@The cleaning page will stop periodically during the cleaning process. Do not turn the device off until the cleaning process has finished. @@@@See Clean the pickup roller on page 53 to order a new pickup roller. CAUTION: Failure to complete this procedure might damage the device. 1. Open the print-cartridge door, and remove the old print cartridge. See the recycling information inside the print-cartridge box. @@@@2. Unplug the power cord from the device and remove the pickup roller as described in steps 1 through 5 of Change the pickup roller on page 50 Dab a lint-free cloth in isopropyl alcohol, and scrub the roller.

WARNING! Alcohol is flammable. Keep the alcohol and cloth away from an open flame. Before you close the device and plug in the power cord, allow the alcohol to dry completely. 3. Using a dry, lint-free cloth, wipe the pickup roller to remove loosened dirt. 4. Allow the pickup roller to dry completely before you reinstall it in the device. 5. Plug the power cord into the device. ENWW Clean the pickup roller 53 Change the printer separation pad Normal use with good media causes wear.

The use of poor media might require more frequent replacement of the separation pad. If the device regularly pulls multiple sheets of media at a time, you might need to change the separation pad. NOTE: Before you change the separation pad, clean the pickup roller. See Clean the pickup roller on page 53. WARNING! Before changing the printer separation pad, turn the device off by unplugging the power cord, and wait for the device to cool.



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1. 2. 3. Unplug the device from the wall outlet. Remove paper and close main input tray.

Set device on its front. At the bottom of the device, unscrew the two screws holding the separation pad in place. 54 Chapter 6 Managing and maintenance ENWW 4. Remove the separation pad. 5. Insert the new separation pad, and screw it into place. ENWW Change the printer separation pad 55 6. Plug the device into the wall outlet, and turn on the device. 56 Chapter 6 Managing and maintenance ENWW EconoMode With EconoMode, the device uses less toner per page. Selecting this option can extend the life of the print cartridge and reduce your cost per page.

However, it also reduces print quality. The printed image is lighter, but it is adequate for printing drafts or proofs. HP does not recommend the full-time use of EconoMode. If EconoMode is used full-time, the toner supply might outlast the mechanical parts in the print cartridge. If print quality begins to degrade under these circumstances, you must install a new print cartridge even if toner remains in the cartridge. 1. 2. To use EconoMode, open the printer Properties (or Printing Preferences in Windows 2000 and XP). On the Paper/Quality tab or the Finishing tab (the Paper Type/Quality tab for some Mac drivers), select the EconoMode check box. NOTE: Not all printer features are available in all drivers or operating systems.

See the printer Properties (driver) online Help for information about availability of features for that driver. ENWW EconoMode 57 58 Chapter 6 Managing and maintenance ENWW 7 Problem solving Problem-solving checklist Status-light patterns Clearing jams Improve print quality Media problem-solving Printed page is different from what appeared on screen Printer software problems Common Macintosh problems Network-setup problem-solving ENWW 59 Problem-solving checklist Step 1: Is the device set up correctly? Yes No Is the device plugged into a power outlet that is known to work? Is the on/off switch in the on position? Is the print cartridge properly installed? See Replace the print cartridge on page 40. Is paper properly loaded in the input tray? See Load media on page 29. If you answered yes to the questions above, go to Step 2: Is the Ready light on? on page 60 If the device will not turn on, Contact HP support on page 62. Step 2: Is the Ready light on? Verify that the Ready light (1) is illuminated on the control panel.

Yes No Go to Step 3: Can you print a configuration page? on page 60 If the control panel lights do not look like the picture above, see Status-light patterns on page 63. If you are unable to resolve the problem, Contact HP support on page 62. Step 3: Can you print a configuration page? To print a configuration page, do one of the following: Press the Go button when the device Ready light is on and no other jobs are printing (HP LaserJet P1505/P1505n only). Select it from the Print Information Pages drop-down on the Services tab in Printer Preferences. 60 Chapter 7 Problem solving ENWW Yes No If the configuration page printed, go to Step 4: Is the print quality acceptable? on page 61 If no paper came out, see Media problem-solving on page 73.

If you are unable to resolve the problem, Contact HP support on page 62. Step 4: Is the print quality acceptable? Yes No If the print quality is acceptable, go to Step 5: Is the device communicating with the computer? on page 61 If the print quality is poor, see Improve print quality on page 69. Verify that the print settings are correct for the media you are using. See Supported paper and other media on page 21 for information on adjusting the settings for various types of media. If you are unable to resolve the problem, Contact HP support on page 62. Step 5: Is the device communicating with the computer? Try printing a document from a software application. Yes No If the document prints, go to Step 6: Does the printed page look like you expected? on page 61 If the document does not print, see Printer software problems on page 76. If you are using a Macintosh computer, see Common Macintosh problems on page 77. If you are unable to resolve the problem, Contact HP support on page 62. Step 6: Does the printed page look like you expected? Yes The problem should be resolved.

If it is not resolved, Printed page is different from what appeared on screen on page 74. If you are unable to resolve the problem, Contact HP support on page 62. No ENWW Problem-solving checklist 61 Contact HP support In the United States, see <http://www.hp.com/support/ljp1000> for the HP LaserJet P1007/P1008 or <http://www.hp.com/support/ljp1500> for the HP LaserJet P1505/P1505n. In other locations, see <http://www.hp.com/>.

62 Chapter 7 Problem solving ENWW Status-light patterns Table 7-1 Status-light legend Symbol for "light off" Symbol for "light on" Symbol for "light blinking" Table 7-2 Control-panel light messages HP LaserJet P1007/P1008 light status HP LaserJet P1505/P1505n light status State of the device Action Ready The device is ready with no job activity. To print a Configuration page, press and release the Go button (HP LaserJet P1500 Series network models only). Processing Data The device is processing or receiving data. To cancel the current job, press the Cancel button (HP LaserJet P1008/P1500 Series only). ENWW Status-light patterns 63 Table 7-2 Control-panel light messages (continued) HP LaserJet P1007/P1008 light status HP LaserJet P1505/P1505n light status State of the device Action Manual Feed or Continuable Error This state occurs in the following circumstances: Manual feed General continuable error To recover from the error and print the available data, press the Go button (HP LaserJet P1505/P1505n only).

If the recovery is successful, the device continues to the Processing Data state and completes the job. If the recovery is unsuccessful, the device continues to the Continuable Error state. Try removing any media from the media path and cycling the device power. Attention HP LaserJet P1007/ P1008: Print-cartridge door is open Paper jam No cartridge installed Paper out Close the print-cartridge door, remove the paper jam, install the cartridge, or add paper. HP LaserJet P1505/ P1505n: Print-cartridge door is open Paper jam Paper out Turn off the device, wait 10 seconds, and turn on the device.

If you cannot resolve the problem, see HP Customer Care on page 88. Fatal Error The device has encountered a non-recoverable error. 64 Chapter 7 Problem solving ENWW Table 7-2 Control-panel light messages (continued) HP LaserJet P1007/P1008 light status HP LaserJet P1505/P1505n light status State of the device Action Toner Low Order a new print cartridge and have it ready. See Order The Go, Ready, and Attention supplies and accessories lights act independently of the on page 82.



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Toner Low state (HP LaserJet P1505/P1505n only). Toner Missing The print cartridge has been removed from the device (HP LaserJet P1505/P1505n only). Reinsert the print cartridge in the device. ENWW Status-light patterns 65 Clearing jams Occasionally, media becomes jammed during a print job. You are notified through the control panel lights. The following are some of the causes of jams: The input trays are loaded incorrectly or are too full.

NOTE: When you add new media, always remove all of the media from the input tray and straighten the entire stack. This helps prevent multiple feeds and reduces media jams. The media does not meet HP specifications. The device might need to be cleaned to remove paper dust and other particles from the paper path. Loose toner might remain in the device after a media jam. This toner clears up after a few sheets print. CAUTION: If you get any toner on your clothes, wash them in cold water. Hot water will permanently set the toner into the fabric. Typical media jam locations Print cartridge area: See Removing a jammed page on page 66. Input tray areas: If the page is still sticking out of the input tray, gently try to remove it from the input tray without tearing the page.

If you feel resistance, see Removing a jammed page on page 66. Output path: If the page is sticking out of the output bin, see Removing a jammed page on page 66. NOTE: Loose toner might remain in the device after a media jam. This toner clears up after a few sheets are printed. Removing a jammed page

CAUTION: Media jams might result in loose toner on the page.

If you get any toner on your clothes, wash them in cold water. Hot water will permanently set the toner into the fabric. 66 Chapter 7 Problem solving ENWW To clear a jam in the print-cartridge area CAUTION: Do not use sharp objects, such as tweezers or needle-nose pliers, to remove jams. Damage they cause is not covered by the warranty. 1.

Open the print-cartridge door, and then remove the print cartridge from the device. @@2. With both hands, grasp the side of the media that is most visible (this includes the middle), and carefully pull it free from the device. ENWW Clearing jams 67 3. Replace the print cartridge, and close the print-cartridge door. NOTE: When you add new media, remove all the media from the input tray and straighten the entire stack. 68 Chapter 7 Problem solving ENWW

Improve print quality This section provides information about identifying and correcting print defects. NOTE: If these steps do not correct the problem, contact an HP-authorized dealer or service representative. Light print or faded The print cartridge is nearing end of life. The media might not meet Hewlett-Packard's media specifications (for example, the media is too moist or too rough).

If the whole page is light, the print density adjustment is too light or EconoMode might be turned on. Adjust the print density, and disable EconoMode in the printer Properties. Toner specks The media might not meet Hewlett-Packard's media specifications (for example, the media is too moist or too rough). The device might need to be cleaned. See Clean the device on page 47 Dropouts A single sheet of media might be defective. Try reprinting the job. The media moisture content is uneven or the media has moist spots on its surface. Try printing with new media. The media lot is bad. The manufacturing processes can cause some areas to reject toner.

Try a different type or brand of media. The print cartridge might be defective. ENWW Improve print quality 69 Vertical lines The photosensitive drum inside the print cartridge has probably been scratched. Install a new HP print cartridge. See Replace the print cartridge on page 40.

Gray background Make sure that tray 1 is in place. Decrease the print density setting through the embedded Web server. This decreases the amount of background shading. Change the media to a lighter basis weight. Check the device environment.

Very dry (low humidity) conditions can increase the amount of background shading. Install a new HP print cartridge. See Replace the print cartridge on page 40. Toner smear If toner smears appear on the leading edge of the media, the media guides might be dirty. Wipe the media guides with a dry, lint-free cloth. Check the media type and quality. Try installing a new HP print cartridge. See Replace the print cartridge on page 40. The fuser temperature might be too low. In your printer driver, make sure the appropriate media type is selected. 70 Chapter 7 Problem solving ENWW Loose toner Clean the inside of the device.

See Clean the device on page 47. Check the media type and quality. See Supported paper and other media on page 21. Try installing a new HP print cartridge. See Replace the print cartridge on page 40]. In your printer driver, make sure the appropriate media type is selected. Plug the device directly into an AC outlet instead of into a power strip or surge protector. Vertical repetitive defects The print cartridge might be damaged. If a repetitive mark occurs at the same spot on the page, install a new HP print cartridge. See Replace the print cartridge on page 40.

The internal parts might have toner on them. If the defects occur on the back of the page, the problem will probably correct itself after a few more printed pages. In your printer driver, make sure the appropriate media type is selected. Misformed characters If characters are improperly formed, producing hollow images, the media stock might be too slick. Try a different media.

See Supported paper and other media on page 21. If characters are improperly formed, producing a wavy effect, the device might need service. Print a configuration page. If the characters are improperly formed, contact an HP-authorized dealer or service representative. See Contact HP support on page 62. ENWW Improve print quality 71 Page skew Make sure that the media is loaded correctly and the media guides are not too tight or too loose against the media stack. The input bin might be too full. Check the media type and quality. Curl or wave Check the media type and quality. Both high temperature and humidity cause media to curl. The media might have been in the input tray too long. Turn over the stack of media in the tray. Also, try rotating the media 180° in the input tray. The fuser temperature might be too high. In your printer driver, make sure the appropriate media type is selected.

If the problem persists, select a media type that uses a lower fuser temperature, such as transparencies or light media. Wrinkles or creases Make sure that media is loaded properly. See Supported paper and other media on page 21. Check the media type and quality. Turn over the stack of media in the tray. Also, try rotating the media 180° in the input tray. For envelopes, this can be caused by air pockets inside the envelope.



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