



# LASERJET PRO P1102W PRINTER

**\$149.99-\$50.00**

**TECH 2000, INC.**

Affordable, wireless HP LaserJet printing from virtually anywhere in the home or office with several users. Print at up to 19 ppm letter/18 ppm A4 with no need for extra wires.<sup>1</sup> Built-in environmental features can save money and resources.

**Print Speed:** Black: Up to 19 ppm

**Print Resolution:** Up to 400 x 600 x 2 dpi (600 dpi effective output)

**Print Technology Resolution:** HP FastRes 600, HP FastRes 1200

**Standard Connectivity:** Hi-Speed USB 2.0 port, WiFi 802.11 b/g

**Recommended Monthly Page Volume:** 250 to 1,500

**Duplex Print Options:** Manual (driver support provided)



## Print from virtually anywhere in your home or office with wireless networking<sup>1</sup>

- Network the printer without extra cables, using 802.11 b/g wireless networking.<sup>1</sup>
- Print up to 19 ppm letter/18 ppm A4.
- Start and finish printing sooner with Instant-on Technology.
- Print on a wide variety of media, using the 150-sheet paper tray and 10-sheet priority input slot.

## Rely on HP for an easy, dependable printing experience

- Install in a flash—no CD required—using HP Smart Install.<sup>2</sup>
- Set up and start printing right away with an easy-to-use, intuitive control panel.
- Receive consistent results with Original HP cartridges and easily reorder with HP SureSupply.<sup>3</sup>
- Get the services, solutions, software and support of HP Total Care.

## Meet your environmental goals, while boosting your bottom line

- Conserve energy with Instant-on Technology and save even more with HP Auto-On/Auto-Off Technology.<sup>4</sup>
- Reduce wasted paper by printing only the content you want, using HP Smart Web Printing.<sup>5</sup>
- Save space with an ultra-compact printer with a sleek, industrial design.
- HP helps reduce your impact—less packaging, plus free cartridge recycling with HP Planet Partners.<sup>6</sup>

## Create professional documents that make a statement for your business, while keeping your bottom line in check

- Produce professional-quality business prints with bold, crisp text and sharp images.
- Receive improved print quality with HP FastRes 1200.<sup>7</sup>



### ecoHIGHLIGHTS HP LASERJET PRO P1102W PRINTER

- Reduce energy use up to 50% with Instant-on Technology.<sup>1</sup>
- Save energy—HP Auto-On/Auto-Off Technology turns your printer on when you need it, off when you don't.<sup>2</sup>
- Print only the Web content you need with HP Smart Web Printing.<sup>3</sup>

#### ENERGY STAR® Qualified Product

<sup>1</sup>Energy savings based on HP testing using ENERGY STAR® program's Typical Energy Consumption (TEC) method on HP LaserJet products with Instant-on Technology vs. top competitive models as of March 2009.

<sup>2</sup>HP Auto-On and Auto-Off capabilities subject to printer and settings.

<sup>3</sup>Requires Internet Explorer 6.0-8.0.

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

Please recycle your computing hardware and printing supplies. Find out how at our website.



<sup>1</sup>Wireless performance is dependent upon physical environment and distance from access point. <sup>2</sup>For Microsoft Windows only. Installation time may vary. <sup>3</sup>Program features and availability may vary by country. For more information, visit <http://www.hp.com/learn/suresupply>. <sup>4</sup>HP Auto-On and Auto-Off capabilities subject to printer and settings. <sup>5</sup>To use this feature, you need Internet Explorer 6.0-8.0. <sup>6</sup>HP print cartridge return and recycling is available in 49 countries and territories around the world, covering 88% of the addressable market; see <http://www.hp.com/recycle> for details. <sup>7</sup>HP FastRes 1200 provides the best print quality setting for this device. Choose HP FastRes 600 for fast printing.





# LASERJET PRO P1102W PRINTER

**TECH 2000, INC.**

<b>PRINT TECHNOLOGY</b>	Laser
<b>PRINT SPEED<sup>1</sup></b>	<b>Black (letter):</b> Up to 19 ppm <b>Black (A4):</b> Up to 18 ppm
<b>FIRST PAGE OUT</b>	As fast as 8.5 seconds from Ready mode (letter)
<b>PRINT RESOLUTION</b>	<b>Black (best):</b> Up to 600 x 600 x 2 dpi (1200 dpi effective output); <b>Black (normal):</b> Up to 400 x 600 x 2 dpi (600 dpi effective output)
<b>PRINT TECHNOLOGY RESOLUTION</b>	HP FastRes 600, HP FastRes 1200
<b>STANDARD PRINTER LANGUAGES</b>	Host-based printing
<b>NUMBER OF PRINT CARTRIDGES<sup>2</sup></b>	1 (black)
<b>SURESUPPLY SUPPORTED<sup>3</sup></b>	Yes
<b>PRINTER MANAGEMENT</b>	HP Status and Alerts, HP Usage tracking (CD install only)
<b>STANDARD CONNECTIVITY</b>	Hi-Speed USB 2.0 port, WiFi 802.11 b/g
<b>WIRELESS CAPABILITY</b>	Yes, WiFi 802.11 b/g
<b>NETWORK CAPABILITIES</b>	Via built-in WiFi 802.11 b/g wireless network
<b>OPTIONAL CONNECTIVITY</b>	HP Jetdirect en3700 Fast Ethernet Print Server; HP Jetdirect en1700 IPv4/IPv6 Print Server; HP Jetdirect ew2500 802.11g Print Server
<b>CONTROL PANEL</b>	3 LED indicator lights (Wireless, Attention, Ready); 2 buttons (Wireless, Cancel)
<b>RECOMMENDED MEDIA WEIGHT (DUPLEX)</b>	16 to 28 lb
<b>RECOMMENDED MONTHLY PAGE VOLUME</b>	250 to 1,500
<b>MAXIMUM/STANDARD MEMORY</b>	8 MB
<b>MEDIA TYPES SUPPORTED</b>	Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, transparencies, postcards
<b>MEDIA SIZES SUPPORTED</b>	Letter, legal, executive, postcards, envelopes (No. 10, Monarch)
<b>CUSTOM MEDIA SIZES</b>	<b>150-Sheet input Tray:</b> 5.8 x 8.27 to 8.5 x 14 in; <b>Priority Feed Slot:</b> 3 x 5 to 8.5 x 14 in
<b>PAPER HANDLING</b>	<b>Input Capacities:</b> 10-sheet priority feed slot, 150-sheet input tray, Up to 160 sheets, Up to 15 envelopes <b>Output Capacities:</b> 100-sheet face-down bin, 100 sheets, Up to 15 envelopes, Up to 100 sheets transparencies
<b>DUPLEX PRINT OPTIONS</b>	Manual (driver support provided)
<b>PROCESSOR</b>	Tensilica/266 MHz
<b>SOFTWARE INCLUDED</b>	HP Usage tracking, HP Status and Alerts, CD Launch Pad, Control Panel Simulator, Print Driver, Software Installer/Uninstaller
<b>MINIMUM SYSTEM REQUIREMENTS</b>	<b>PC:</b> Microsoft® Windows® 7 (32-bit/64-bit): 1 GB RAM, Windows Vista® (32-bit/64-bit), Windows® XP, Windows® Server 2008 (32-bit/64-bit), Windows® Server 2003: 512 MB RAM, all systems: 350 MB free hard disk space, CD-ROM drive, USB port; <b>Mac:</b> Mac OS X v 10.4, 10.5, 10.6, 256 MB RAM, 150 MB available hard disk space, CD-ROM drive, USB port
<b>COMPATIBLE OPERATING SYSTEMS</b>	Microsoft® Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows® XP (32-bit/64-bit), Windows® Server 2008 (32-bit/64-bit), Windows® Server 2003 (32-bit/64-bit), Mac OS X v 10.4, v 10.5, v 10.6, Linux (see <a href="http://www.hplip.net">http://www.hplip.net</a> for current)

<b>OPERATING ENVIRONMENT</b>	<b>Operating Humidity Range:</b> 10 to 80% RH; <b>Recommended Humidity Operating Range:</b> 30 to 70% RH; <b>Operating Temperature Range:</b> 15 to 32.5° C; <b>Recommended Operating Temperature Range:</b> 63.5 to 77° F (17.5 to 25° C); <b>Maximum Operating Temperature Range:</b> 59 to 90.5° F; <b>Storage Temperature Range:</b> -4 to 104° F (-20 to 40° C); <b>Non-Operating Humidity:</b> 10 to 90% RH
<b>ACOUSTICS</b>	<b>Acoustic Power Emissions:</b> 6.4 B(A); <b>Acoustic Power Emissions (Ready):</b> Inaudible; <b>Acoustic Pressure Emissions:</b> 50 dB(A); <b>Acoustic Pressure Emissions Bystander (Ready):</b> Inaudible
<b>POWER</b>	<b>Power Requirements:</b> Input voltage 115 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 12 amp; 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6.0 amp; <b>Power Supply Type:</b> Internal; <b>Power Consumption<sup>4</sup>:</b> 370 watts active, 0.6 watts off, 2.0 watts (Auto-Off) powersave, 2.7 watts standby  ENERGY STAR® qualified models; see <a href="http://www.hp.com/go/energystar">http://www.hp.com/go/energystar</a>
<b>PRODUCT DIMENSIONS</b>	<b>W X D X H:</b> 13.74 x 9.38 x 7.71 in (349 x 238 x 196 mm) <b>Maximum:</b> 13.74 x 16.15 x 8.98 in
<b>PRODUCT WEIGHT</b>	11.6 lb (5.3 kg)
<b>WHAT'S IN THE BOX</b>	HP LaserJet Pro P1102w Printer, introductory HP LaserJet Black print cartridge, power cord, CD(s) with printer software and documentation, Getting Started Guide, support flyer, Smart Install Flyer, USB install cable (1m)
<b>ACCESSORIES</b>	Hi-Speed USB A to B printer cable (6 ft./1.8-meter, Q6264A)
<b>REPLACEMENT CARTRIDGES</b>	HP Black LaserJet Toner Cartridge <b>CE285A</b> (~1600 pages)
<b>WARRANTY</b>	One-year limited warranty
<b>HP CARE PACK SERVICES</b>	UG605E, HP 2-year NBD ExchPrinting and Imaging-M SVC UG608E, HP 3-year NBD ExchPrinting and Imaging-M SVC UH609E, HP 4-year NBD ExchPrinting and Imaging-M SVC US284E, HP Basic Installation Service for one consumer printer with wireless capability US285E, HP Premium Installation Service with wireless network setup for up to three PCs and/or printers

## ADDITIONAL INFORMATION

<b>BUSINESS UNIT</b>	Transaction Laser Products
<b>COUNTRY OF ORIGIN</b>	Product of Vietnam
<b>MATERIAL TYPE CODE</b>	FERT
<b>TARIFF NUMBER</b>	8443321020
<b>PALLET INFORMATION</b>	<b>Dimensions:</b> 47.3 x 39.4 x 100 in <b>Weight:</b> 1390 lb <b>Layers:</b> 8

FOR MORE INFORMATION VISIT OUR WEBSITE AT [WWW.TECH2000.NET](http://WWW.TECH2000.NET) or CALL 301-340-7264

HP LASERJET PRO P1102W PRINTER Product Number: **CE657A**

<sup>1</sup>Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>2</sup>Introductory cartridge included; yields ~700 pages. Replacement cartridge declared yield ~1600 pages based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. <sup>3</sup>HP SureSupply alerts you when your toner cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. For more information, visit <http://www.hp.com/go/SureSupply>. <sup>4</sup>Values subject to change. See [http://www.hp.com/go/lip1600\\_regulatory](http://www.hp.com/go/lip1600_regulatory) for current information. Power numbers are the highest values measured using all standard voltages.

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# LASERJET PRO P1606DN PRINTER

**\$199.99**

**TECH 2000, INC.**

Boost your small office's efficiency with Ethernet networking, automatic two-sided printing and easy-to-use features. Save money and energy with Instant-on Technology. Save even more energy with HP Auto-On/Auto-Off Technology.<sup>1</sup>

**Print Speed:** Black (normal, letter): Up to 26 ppm; Black (normal, A4): Up to 25 ppm

**Print Resolution:** Up to 600 x 600 dpi

**Standard Connectivity:** Hi-Speed USB 2.0 port, 10/100 Ethernet networking

**Recommended Monthly Page Volume:** 250 to 2,000

**Duplex Print Options:** Automatic (standard)



## Handle the printing demands of a busy small office with a fast HP LaserJet printer

- Share the printer among a small office, using built-in Ethernet networking.
- Print at up to 26 ppm letter/25 ppm A4, plus start printing fast with Instant-on Technology.
- Print on a wide variety of media, using the 250-sheet paper tray and 10-sheet priority input slot.
- Boost productivity and save time with automatic two-sided printing.



## Choose a printer that helps you save paper, energy and money

- Save paper with automatic two-sided printing.
- Conserve energy with Instant-on Technology and save even more with HP Auto-On/Auto-Off Technology.<sup>1</sup>
- Reduce wasted paper by printing only the content you want, using HP Smart Web Printing.<sup>3</sup>
- HP helps reduce your impact—less packaging, plus free cartridge recycling with HP Planet Partners.<sup>4</sup>



## Print documents, correspondence and other important business materials that make a professional impression

- Produce professional-quality business prints with bold, crisp text and sharp images.
- Receive improved print quality with HP FastRes 1200.
- Save space and reduce printer sound with an ultra-compact, space-saving printer with a "Quiet" mode.<sup>6</sup>
- Support for PCL 5e enables effective, reliable processing of documents.

## Count on the leader in laser printing for easy, reliable performance

- Install in a flash—no CD required—using HP Smart Install.<sup>5</sup>
- Set up and start printing right away with an easy-to-use, intuitive control panel.
- Receive consistent results with Original HP cartridges and easily reorder with HP SureSupply.<sup>2</sup>
- Get the services, solutions, software and support of HP Total Care.

### ecoHIGHLIGHTS HP LASERJET PRO P1606dn PRINTER

- Reduce energy use up to 50% with Instant-on Technology.<sup>1</sup>
- Save energy—HP Auto-On/Auto-Off Technology turns your printer on when you need it, off when you don't.<sup>2</sup>
- Reduce paper use by up to 50% using automatic two-sided printing.

### ENERGY STAR® Qualified Product

<sup>1</sup>Energy savings based on HP testing using the ENERGY STAR® program's Typical Energy Consumption (TEC) method on HP LaserJet products with Instant-on Technology vs. top competitive models as of March 2009.

<sup>2</sup>HP Auto-On and Auto-Off capabilities subject to printer and settings.

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

Please recycle your computing hardware and printing supplies. Find out how at our website.



<sup>1</sup>HP Auto-On and Auto-Off capabilities subject to printer and settings. <sup>2</sup>Program features and availability may vary by country. For more information, visit <http://www.hp.com/learn/suresupply>. <sup>3</sup>Requires Internet Explorer 6.0-8.0. <sup>4</sup>HP toner cartridge return and recycling is available in 49 countries and territories around the world, covering 88% of the addressable market; see <http://www.hp.com/recycle> for details. <sup>5</sup>For Microsoft Windows only. Installation time may vary. <sup>6</sup>Pages will print at half speed in Quiet mode.





# LASERJET PRO P1606DN PRINTER

**TECH 2000, INC.**

<b>PRINT TECHNOLOGY</b>	Laser
<b>PRINT SPEED<sup>1</sup></b>	<b>Black (normal, letter):</b> Up to 26 ppm; <b>Black (normal, A4):</b> Up to 25 ppm
<b>FIRST PAGE OUT</b>	As fast as 7 seconds from Ready mode (letter)
<b>PRINT RESOLUTION</b>	<b>Black (best):</b> Up to 600 x 600 x 2 dpi (1200 dpi effective output); <b>Black (normal):</b> Up to 600 x 600 dpi
<b>PRINT TECHNOLOGY RESOLUTION</b>	600 dpi, HP FastRes 1200
<b>STANDARD PRINTER LANGUAGES</b>	Host-based printing, HP PCL 5e
<b>NUMBER OF PRINT CARTRIDGES<sup>2</sup></b>	1 (black)
<b>SURESUPPLY SUPPORTED<sup>3</sup></b>	Yes
<b>PRINTER MANAGEMENT</b>	HP Status and Alerts, HP Usage tracking (CD install only)
<b>STANDARD CONNECTIVITY</b>	Hi-Speed USB 2.0 port, 10/100 Ethernet networking
<b>WIRELESS CAPABILITY</b>	Optional, enabled with purchase of a hardware accessory
<b>NETWORK CAPABILITIES</b>	Built-in 10/100 Ethernet networking
<b>OPTIONAL CONNECTIVITY</b>	HP Jetdirect en3700 Fast Ethernet Print Server HP Jetdirect en1700 IPv4/IPv6 Print Server HP Jetdirect ew2500 802.11g Print Server
<b>CONTROL PANEL</b>	4 LED indicator lights (Go, Ready, Attention, Toner Low), 2 buttons (Go, Job cancel)
<b>RECOMMENDED MEDIA WEIGHT (DUPLEX)</b>	16 to 28 lb
<b>RECOMMENDED MONTHLY PAGE VOLUME</b>	250 to 2,000
<b>MAXIMUM/STANDARD MEMORY</b>	32 MB
<b>MEDIA TYPES</b>	Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, transparencies, postcards
<b>MEDIA SIZES SUPPORTED</b>	Letter, legal, executive, postcards, envelopes (No. 10, Monarch)
<b>CUSTOM MEDIA SIZES</b>	<b>250-Sheet Input Tray:</b> 5.8 x 8.27 to 8.5 x 14 in; <b>Priority Feed Slot:</b> 3 x 5 to 8.5 x 14 in
<b>PAPER HANDLING</b>	<b>Input Capacities:</b> 10-sheet priority feed slot, 250-sheet input tray, Up to 260 sheets, Up to 15 envelopes; <b>Output Capacities:</b> 150-sheet face-down bin, Up to 150 sheets, Up to 15 envelopes, Up to 100 sheets transparencies
<b>DUPLEX PRINT OPTIONS</b>	Automatic (standard)
<b>PROCESSOR</b>	<b>Type:</b> Tensilica; <b>Speed:</b> 400 MHz
<b>SOFTWARE INCLUDED</b>	HP Usage tracking, HP Status and Alerts, CD Launch Pad, Control Panel Simulator, Print Driver, Software Installer/Uninstaller
<b>MINIMUM SYSTEM REQUIREMENTS</b>	<b>PC:</b> Microsoft® Windows® 7 (32-bit/64-bit): 1 GB RAM, Windows Vista® (32-bit/64-bit), Windows® XP, Windows® Server 2008 (32-bit/64-bit), Windows® Server 2003: 512 MB RAM, all systems: 350 MB free hard disk space, CD-ROM drive, USB port; <b>Mac:</b> Mac OS X v 10.4, 10.5, 10.6, 256 MB RAM, 150 MB available hard disk space, CD-ROM drive, USB port
<b>COMPATIBLE OPERATING SYSTEMS</b>	Microsoft® Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows® XP (32-bit/64-bit), Windows® Server 2008 (32-bit/64-bit), Windows® Server 2003 (32-bit/64-bit), Mac OS X v 10.4, v 10.5, v 10.6, Linux (see <a href="http://www.hplip.net">http://www.hplip.net</a> for current), Unix <sup>5</sup> (ready later and downloadable, see <a href="http://www.hp.com/go/support">http://www.hp.com/go/support</a> )

<b>OPERATING ENVIRONMENT</b>	<b>Operating Humidity Range:</b> 10 to 80% RH; <b>Recommended Humidity Operating Range:</b> 30 to 70% RH; <b>Operating Temperature Range:</b> 15 to 32.5° C; <b>Recommended Operating Temperature Range:</b> 63.5 to 77° F (17.5 to 25° C); <b>Maximum Operating Temperature Range:</b> 59 to 90.5° F; <b>Storage Temperature Range:</b> -4 to 104° F (-20 to 40° C); <b>Non-Operating Humidity:</b> 10 to 90% RH
<b>ACOUSTICS</b>	<b>Acoustic Power Emissions:</b> 6.6 B(A); <b>Acoustic Power Emissions (Ready):</b> Inaudible; <b>Acoustic Pressure Emissions:</b> 53 dB(A); <b>Acoustic Pressure Emissions Bystander (Ready):</b> Inaudible
<b>POWER</b>	<b>Power Requirements:</b> Input voltage 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 7 amp; 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 4.0 amp; <b>Power Supply Type:</b> Internal; <b>Power Consumption<sup>4</sup>:</b> 440 watts active, 0.4 watts off, 1.6 watts (Auto-Off) powersave, 2.2 watts standby  ENERGY STAR® qualified models; see <a href="http://www.hp.com/go/energystar">http://www.hp.com/go/energystar</a>
<b>PRODUCT DIMENSIONS</b>	<b>W X D X H:</b> 15.24 x 11.18 x 9.69 in (387 x 284 x 246 mm) <b>Maximum:</b> 15.24 x 18.16 x 10.04 in
<b>PRODUCT WEIGHT</b>	15.4 lb (7.0 kg)
<b>WHAT'S IN THE BOX</b>	HP LaserJet Pro P1606dn Printer, introductory HP LaserJet Black print cartridge, power cord, paper tray cover, CD(s) with printer software and documentation, Getting Started Guide, support flyer, Smart Install Flyer
<b>ACCESSORIES</b>	Hi-Speed USB A to B printer cable (6 ft./1.8-meter), Q6264A
<b>REPLACEMENT CARTRIDGES</b>	HP LaserJet Black Print Cartridge, <b>CE278A</b>
<b>WARRANTY</b>	One-year limited warranty
<b>HP CARE PACK SERVICES</b>	UG605E, HP 2-year NBD ExchPrinting and Imaging-M SVC UG608E, HP 3-year NBD ExchPrinting and Imaging-M SVC UH609E, HP 4-year NBD ExchPrinting and Imaging-M SVC US284E, HP Basic Installation Service for one consumer printer with wireless capability US285E, HP Premium Installation Service with wireless network setup for up to three PCs and/or printers

## ADDITIONAL INFORMATION

<b>BUSINESS UNIT</b>	Transaction Laser Products
<b>COUNTRY OF ORIGIN</b>	Product of Vietnam
<b>TARIFF NUMBER</b>	8443321010
<b>MATERIAL TYPE CODE</b>	FERT
<b>PALLET INFORMATION</b>	<b>Dimensions:</b> 47.3 x 39.4 x 96.85 in <b>Weight:</b> 1030.9 lb <b>Layers:</b> 7

FOR MORE INFORMATION VISIT OUR WEBSITE AT [WWW.TECH2000.NET](http://WWW.TECH2000.NET) OR CALL 301-340-7264

HP LASERJET PRO P1606DN PRINTER Product Number: **CE749A**

<sup>1</sup>Exact speed varies depending on the system configuration, software application, driver and document complexity. <sup>2</sup>Introductory cartridge included; yields ~1000 pages. Replacement cartridge declared yield ~2100 pages based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. <sup>3</sup>HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. For more information, visit <http://www.hp.com/go/SureSupply>. <sup>4</sup>Values subject to change. See [http://www.hp.com/go/lip1600\\_regulatory](http://www.hp.com/go/lip1600_regulatory) for current information. Power numbers are the highest values measured using all standard voltages. <sup>5</sup>Unix solution will be ready later and downloadable from HP Web site at <http://www.hp.com/go/support>.



## HP LaserJet P2035 Printer series

P2035 • P2035n \$249.00 \$299.99-\$75.00



Get a low purchase price and a great value in a reliable, high-quality black-and-white laser printer.

Enjoy fast print speeds, professional-quality output, and flexible connectivity options with the easy-to-use, value-packed HP LaserJet P2035 Printer series.

### Productivity at a great price

Get your documents and get back to work quickly with print speeds of up to 30 pages per minute (ppm) on letter size paper. Time To Completion for a typical office print job can be nearly two times faster with the Instant-on Technology built into this printer.<sup>1</sup>

Quickly connect the printer to your computer with the Hi-Speed USB 2.0 port. Share the printer and efficiently utilize resources with built-in Ethernet/Fast Ethernet networking on the P2035n model.

Easily print a variety of black-and-white documents—including index cards and prescription-size forms—with support for a range of media sizes and types.

### High-quality output and design

Print professional office documents with up to 600 by 600 dpi thanks to Resolution Enhancement technology (REt). And because HP print cartridges and paper are designed together, you can depend on consistently excellent print quality.

Save valuable desktop space and still enjoy convenient access to the printer with its sleek, space-saving design. Reduce operation noise with the printer's unique Quiet mode.<sup>2</sup>

### Radically simple operation

Enjoy at-a-glance printer and supplies status and easily navigate printer functions with the simple control panel.

Maintain your printer more effectively and avoid unexpected down time. With HP SureSupply and intelligence built into the cartridge, you'll receive alerts when supplies are low, enabling convenient supplies shopping and ordering.<sup>3</sup> Manage 2 to 20 HP inkjet and LaserJet devices, control color costs, and reorder Original HP supplies with HP Easy Printer Care Software.<sup>4</sup>

<sup>1</sup> Instant-on Technology uses cutting-edge fuser technology to produce the first page faster when a printer is coming out of low power mode so your print job is done sooner. An InfoTrends study shows the typical office print job is three to five pages long:

[www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf](http://www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf). Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

<sup>2</sup> When Quiet mode is selected, the printer operates at half speed.

<sup>3</sup> HP SureSupply program features and availability may vary by country. For more information, visit [www.hp.com/learn/suresupply](http://www.hp.com/learn/suresupply).

<sup>4</sup> In addition to supporting most HP LaserJets, HP Easy Printer Care Software now supports a wide variety of inkjet devices, including HP Officejet Pros, HP Officejets, HP Photosmarts, and HP Deskjets. Please access the compatible printer list at [www.hp.com/go/epc](http://www.hp.com/go/epc) for details.

# HP LaserJet P2035 Printer series

**TECH 2000, INC.**

- 1 150-sheet output bin
- 2 One-door access to the easy-to-install all-in-one print cartridge
- 3 Adjustable 50-sheet multipurpose input tray
- 4 250-sheet input tray
- 5 Rear output door provides a straight-through path for specialty media
- 6 Security device slot
- 7 Hi-Speed USB 2.0 port for direct-connect printing
- 8 IEEE 1284-compliant parallel port
- 9 16 MB of memory and a 266 MHz processor perform complex tasks quickly

HP LaserJet P2035 Printer shown



Front view



Rear view

## Series at a glance



P2035



P2035n

Part number	CE461A	CE462A
50-sheet multipurpose tray 1	✓	✓
250-sheet input tray 2	✓	✓
IEEE 1284-compliant parallel port	✓	Not available
Hi-Speed USB 2.0 port	✓	✓
Ethernet/Fast Ethernet networking	Not available	✓

# Easy to use and maintain, this printer is also easy on the environment.

## Improves your printing experience

Produce a broad range of business documents with the right look and feel. The multipurpose tray supports a variety of print media, including different types, sizes, and weights of paper, envelopes, labels, overhead transparencies, postcards, card stock, and more. Replenish the paper tray less often with the 50-sheet multipurpose tray and 250-sheet standard input tray, for a 300-sheet total input capacity.

The all-in-one print cartridge is designed for simplicity and reliability, incorporating the toner, engaging mechanism, and imaging drum in one supply—so you refresh the printer every time an Original HP cartridge is installed.

Quickly and accurately process complex print jobs without the cost of buying additional memory using the host-based print driver, a 266 MHz processor, and 16 MB of memory.

## Environmentally responsible

Reduce your energy use. Instant-on Technology in HP LaserJet devices provides up to 50 percent energy savings over traditional fusing while providing a first-page-out in seconds. HP estimates that Instant-on Technology has reduced emissions by 5.25 million tons of CO<sub>2</sub> to date—the equivalent of removing 1.1 million cars from the road for one year.<sup>5</sup>

Cut paper consumption and save money with manual two-sided printing. Save even more paper with N-up printing, which allows you to place multiple document pages on a single printed page.

Recycle cartridges through HP Planet Partners. This industry-leading program gives companies around the world an easy and environmentally conscious way to return hardware and print supplies for recycling after use.<sup>6</sup>

## Get the most out of your printer with HP accessories, supplies, and services.



### J7951G

Upgrade the P2035n and share among multiple users with the HP Jetdirect ew2400 External Wireless Print Server.

### CE505A

HP's print cartridges and toner are specifically designed to deliver consistent quality and reliable, trouble-free printing.

### Replacement print cartridge with HP Smart Printing Technology<sup>7</sup>

HP LaserJet Black Print Cartridge (2,300 standard pages) CE505A

### Connectivity

HP USB Hi-Speed printer cable (2-meter) Q6264A  
 HP Wireless G USB Print Server Q6301A  
 HP USB Network Print Adapter Q6275A  
 HP Wireless Printing Upgrade Kit Q6236A  
 HP Jetdirect en1700 External Print Server J7988G  
 HP Jetdirect en3700 External Print Server J7942G  
 HP Jetdirect ew2400 External Wireless Print Server J7951G

### Service and support

HP 3-year Next Business Day Exchange Service UK929E  
 HP Care Pack, Network Installation H3110E

### Paper

[www.hp.com/go/paper](http://www.hp.com/go/paper)  
 1-800-477-5010

### Solutions

[www.hp.com/go/gsc](http://www.hp.com/go/gsc)

## HP Support Services

### The cost of printer downtime

For many organizations, the ability to print anything, anytime, anywhere at affordable costs is important to business operations. Because HP LaserJet printers are central to business success, HP provides high-quality services beyond the standard warranty.

### Benefits

- Reduce printing infrastructure costs
- Maximize uptime
- Expert technical phone support
- Predictable, consistent service delivery across multiple locations

### Choose, depending on your location:

- Next Day Exchange Service—a unit is shipped to you overnight; you send the damaged unit back
- Return Service—take unit into depot
- Next Day Onsite Service—technician-delivered onsite service the next business day after the service call.

These options are available as **HP Care Pack Services** or **HP Contractual Services**. **HP Managed Print Services** provide everything from devices and toner cartridges, to installation, management, maintenance, and support.

For more information, visit: [www.hp.com/go/printservices](http://www.hp.com/go/printservices).

<sup>5</sup> The tons of CO<sub>2</sub> avoided is based on power plant emissions that otherwise would occur to generate the electricity saved; cars removed is based on annual emissions from cars burning gasoline.

<sup>6</sup> Program availability varies. HP printing supplies return and recycling is currently available in more than 45 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program.

<sup>7</sup> Replacement cartridge: Average black cartridge yield 2,300 standard pages. Declared yield values for replacement cartridges in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

# HP LaserJet P2035 Printer series

Technical specifications	HP LaserJet P2035 Printer (CE461A)	HP LaserJet P2035n Printer (CE462A)
<b>Print speed<sup>8</sup></b>	Up to 30 ppm, letter	
<b>Document delivery speed</b>	First page out: as fast as 8 seconds from Ready mode, letter	
<b>Print resolution</b>	Up to 600 by 600 dpi with Resolution Enhancement technology (RET)	
<b>Processor</b>	266 MHz	
<b>Memory</b>	16 MB	
<b>Durability ratings</b>	Recommended monthly volume: 500 to 2,500 pages; <sup>9</sup> Duty cycle: up to 25,000 pages <sup>10</sup>	
<b>Paper</b>		
Input	50-sheet multipurpose tray 1, 250-sheet tray 2	
Output	150-sheet output bin	
Two-sided printing	Manual (driver support provided)	
Sizes	Multipurpose input tray 1: letter, legal, statement, executive, index cards, envelopes [No. 10 (Com), No. 7 ¾ (Monarch)]; custom: 3 by 5 in to 8.5 by 14 in Input tray 2: letter, legal, executive; custom: 4.1 by 5.8 in to 8.5 by 14 in	
Weights	Multipurpose input tray 1: 16 to 43 lb Input tray 2: 16 to 32 lb	
Types	Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, transparencies, heavy media	
<b>Connectivity</b>		
Interfaces	IEEE 1284-compliant parallel port, one Hi-Speed USB 2.0 port	One Hi-Speed USB 2.0 port, built-in HP Fast Ethernet print server
Languages and fonts	Host-based, HP PCL5e; 45 scalable TrueType fonts	
Client operating systems	Microsoft® Windows 2000 (drivers only), XP® Home, XP Professional, XP Professional x64 (driver only), Windows Server 2003, Windows Server 2003 x64, Certified for Windows Vista®, Windows Vista x64, Windows NT 4.0 (PCL5 driver on web only); Linux; UNIX®; Mac OS X v10.3.9, v10.4.3, v10.5	
Network operating systems	Via optional HP Jetdirect print server: Microsoft Windows 2000 (drivers only), XP Home, XP Professional, XP Professional x64 (drivers only), Windows Server 2003, Windows Server 2003 x64, Windows Vista, Windows Vista x64; Novell; Linux, UNIX; Mac OS X v10.3.9, v10.4.3, v10.5	Via optional HP Jetdirect print server or via HP internal network port: Microsoft Windows 2000 (drivers only), XP Home, XP Professional, XP Professional x64 (drivers only), Windows Server 2003, Windows Server 2003 x64, Windows Vista, Windows Vista x64; Novell; Linux, UNIX; Mac OS X v10.3.9, v10.4.3, v10.5
Network protocols	TCP/IP; Bonjour compatible	
Security	SNMP (community name), password-protected HP Embedded Web Server	
<b>Dimensions (w by d by h)</b>	14.4 by 14.5 by 10.1 in	
<b>Weight</b>	21.8 lb	
<b>What's in the box</b>	Printer, preinstalled introductory HP LaserJet print cartridge, <sup>11</sup> CD (includes software and User's Guide), support flyer	
Also includes		Built-in Ethernet/Fast Ethernet networking
<b>Warranty</b>	One-year, return to HP or an HP authorized service center	

Environmental ranges		Certifications	
Recommended temperature	63.5 to 77 degrees F	Safety	IEC 60950-1 (International), IEC 60825-1+A1+A2, UL/cUL Listed (US/Canada), EN 60825-1+A1+A2 (Class 1 Laser/LED Device) GB4943-2001
Storage temperature	-4 to 140 degrees F	EMC	CISPR 22: 2005/EN 55022: 2006 Class B, EN 61000-3-2: 2000+A2, EN 61000-3-3: 1995+A1, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-1998
Recommended relative humidity	30 to 70 percent		
Storage relative humidity	10 to 90 percent		
Altitude	Up to 13,000 ft		
<b>Acoustics<sup>12</sup></b>		Works with HP SureSupply. To learn more, visit <a href="http://www.hp.com/learn/suresupply">www.hp.com/learn/suresupply</a>	
Sound power	Active: 6.8 b(A)	Ready: inaudible	
Bystander sound pressure	Active: 54 dB(A)	Ready: inaudible	
<b>Power specifications</b>			
Required input voltage	110 to 127 V (± 10 percent); 60 Hz (± 2 Hz) 220 to 240 V (± 10 percent); 50 Hz (± 2 Hz)		
Power consumption <sup>13</sup>	Active: 550 watts	Sleep: 7 watts	
	Ready: 7 watts	Off: 0.4 watts	
Typical Electricity Consumption (TEC):	1.949 kWh/week		

<sup>8</sup> Speed specifications have been updated to reflect current industry testing methods.

<sup>9</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

<sup>10</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs.

<sup>11</sup> The printer includes an introductory cartridge: average cartridge yield 1,000 pages. Replacement cartridge: average cartridge yield 2,300 standard pages. Declared yield value for replacement cartridge in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsplies](http://www.hp.com/go/learnaboutsplies).

<sup>12</sup> Measured according to ISO 7779 and declared in accordance with ISO 9296; values are subject to change. Configuration tested: base model, printing on A4 paper.

<sup>13</sup> Values subject to change. Power numbers are the highest values measured using all standard voltages.



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# HP LASERJET P2050 PRINTER SERIES

P2055d • P2055dn ~~\$349.99-\$75.00~~ \$399.99

TECH 2000, INC.

## Reduce your environmental impact and still get the print speeds and ease of use you require.

- Use less energy with intelligent features like Instant-on Technology.
- Conserve resources by reducing paper use and recycling empty cartridges.
- Make a difference by using simple tools to optimize your energy, paper, and supplies use.



HP's Design for the Environment initiative is driving improvements at every stage in the product lifecycle—helping reduce the amount of energy, paper, packaging, and materials used at HP and by our customers. Through smart design, we can reduce the environmental impact of our products, and of our customers.

### Reduce energy consumption

Be ready to print in seconds. Instant-on Technology in the HP LaserJet P2050 Printer series provides up to 50 percent energy savings over traditional fusing technology while also enabling print jobs to begin quickly.<sup>1</sup>

The printer is ENERGY STAR® qualified, which means you can help protect the environment without sacrificing features or performance. In addition, you'll save money by reducing energy costs.

### Save resources

The printer's convenient auto-duplex feature preserves the resources needed to make paper and reduces your paper costs. The printer also supports 100 percent recycled paper. Use N-up printing to place multiple document pages on a single printed page—perfect for handouts and proof printing.

HP helps you recycle your print cartridges and hardware—it's easy and free with the HP Planet Partners program.<sup>2</sup> All HP print cartridges and hardware returned to HP through Planet Partners are recycled to recover raw materials or energy. HP never refills or resells print cartridges, and never sends them to a landfill.

### Minimize your carbon footprint

The HP Eco Solutions Print Console allows you to manage your printer's energy and paper-saving preferences right from your computer's desktop. Plus, get access to information about reducing your carbon footprint, recycling print cartridges through HP Planet Partners, and more. For a free download, visit [www.hp.com/go/printconsole](http://www.hp.com/go/printconsole).

## ecoHIGHLIGHTS

**HP LaserJet P2050 Printer series**

**ECO INFORMATION**

- Reduce energy use by up to 50 percent with Instant-on Technology<sup>1</sup>
- Reduce paper use by up to 50 percent using automatic two-sided printing
- Convenient cartridge and hardware recycling in over 50 countries

ENERGY STAR® Qualified Product

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.

<sup>1</sup> Instant-on Technology uses cutting-edge fuser technology to produce the first page faster when a printer is coming out of low power mode so your print job is done sooner. An InfoTrends study shows the typical office print job is three to five pages long: [www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf](http://www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf). Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

<sup>2</sup> Program availability varies. HP printing supplies and hardware return and recycling is currently available in more than 50 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit [www.hp.com/recycle](http://www.hp.com/recycle).

- 1 150-sheet output bin
- 2 Adjustable 50-sheet multipurpose input tray 1 for specialty paper
- 3 250-sheet input tray 2
- 4 2-line, 16-character LCD control panel for simple and effective interaction
- 5 Automatic two-sided printing capability
- 6 Rear output door provides a straight-through path for specialty papers
- 7 Hi-Speed USB 2.0 port for direct-connect printing
- 8 HP Jetdirect Gigabit Ethernet print server for flexible networking (not included on the P2055d model)
- 9 128 MB of memory and a 600 MHz processor perform complex tasks quickly

HP LaserJet P2055dn Printer shown



Front view



Rear view

## Series at a glance



P2055d



P2055dn

Part number	CE457A	CE459A
50-sheet multipurpose tray 1	✓	✓
250-sheet input tray 2	✓	✓
500-sheet input tray 3	Optional	Optional
Automatic two-sided printing	✓	✓
HP Jetdirect Gigabit Ethernet networking	Not available	✓
ENERGY STAR qualified	✓	✓
Memory	64 MB (expandable up to 320 MB)	128 MB (expandable up to 384 MB)

Maintain **HIGH PRODUCTIVITY** with quick print speeds and simple device use and maintenance. **TECH 2000, INC.**

### Compact, fast, and easy to use

Save valuable desktop space and enjoy convenient access to the printer with its sleek, space saving design. Reduce operation noise with the printer's Quiet mode.<sup>3</sup> Get your documents and get back to work quickly with print speeds of up to 35 pages per minute (ppm), letter.

Efficiently utilize printing resources with fast, high speed connections via built-in Gigabit networking on the P2055dn model.

Safeguard your business with security capabilities that help protect devices and critical information on your network. Prevent unauthorized access with management features like 802.1X authentication and password protection (P2055dn model only).

Enjoy at-a-glance printer and supplies status and easily navigate printer functions with the intuitive 2 by 6 inch LCD control panel.

Maintain your printer more effectively and avoid unexpected down time. With intelligence built into the print cartridge, you'll receive alerts when supplies are low and should be reordered.

## Get the most out of your printer with HP accessories, supplies, and services.

Upgrade the printer and share among multiple users with the HP Jetdirect ew2400 External Wireless Print Server.



J7951G

HP's print cartridges and toner are specifically designed to deliver consistent quality and reliable, trouble-free printing.



CE505A/CE505X

### HP Services

Because downtime can have serious business consequences, HP provides high-quality services that extend beyond the standard warranty and help you avoid unbudgeted repair costs. Benefits include reduced printing and infrastructure costs, maximized uptime, expert technical phone support, and predictable, consistent service delivery—even across multiple locations.

Recommended services:

- **Next Day Onsite Service:** HP-employed service engineer or authorized support provider delivers service the next day after your call has been logged
- **Next Day Exchange Service:** The printer is replaced the day after it goes down with door-to-door pick-up and delivery

These services and additional coverage options can be purchased as:

- **HP Care Pack Services:** easy-to-buy, easy-to-use support packages
- **HP Contractual Services:** a comprehensive portfolio for maintaining maximum IT availability

HP also offers **HP Managed Print Services:** scalable assessment, procurement, implementation, management, maintenance, support, and workflow services.

For more information visit: [www.hp.com/go/printservices](http://www.hp.com/go/printservices).

### Replacement print cartridges with HP Smart Printing Technology<sup>4</sup>

HP LaserJet Black Print Cartridge	CE505A
HP LaserJet High-Capacity Black Print Cartridge	CE505X

### Paper handling

500-sheet input tray	CE464A
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### Memory/storage

HP 32 MB DDR2 144-pin DIMM	CB420A
HP 64 MB DDR2 144-pin DIMM	CB421A
HP 128 MB DDR2 144-pin DIMM	CB422A
HP 256 MB DDR2 144-pin DIMM	CB423A
8 MB Flash/64 MB DDR2 combo 144-pin DIMM	CB456A

### Connectivity

HP USB Hi-Speed printer cable (2-meter)	Q6264A
HP Wireless G USB Print Server	Q6301A
HP USB Network Print Adapter	Q6275A
HP Wireless Printing Upgrade Kit	Q6236A
HP Jetdirect en1700 External Print Server	J7988G
HP Jetdirect en3700 External Print Server	J7942G
HP Jetdirect ew2400 External Wireless Print Server	J7951G

### Service and support

HP 3-year Return Hardware Service	UK924E
HP 2-year 1-time Replacement Service	UK925A
HP 1-year Next Business Day Exchange Service	UK927E
HP 3-year Next Business Day Exchange Service	UK929A/UK929E
HP 4-year Next Business Day Exchange Service	UL641E
HP 1-year Next Business Day Hardware Support	UK930E
HP 3-year Next Business Day Hardware Support	UK932E
HP 1-year Post-warranty Return Hardware Service	UK933PE
HP 1-year Post-warranty Next Business Day Exchange Service	UK935PE
HP 1-year Post-warranty Next Business Day Hardware Support	UK936PE
HP Network Installation for Personal or Workgroup Printer	H3110E
HP 1-year Remote User Assistance Support	HC126PE

### Paper

[www.hp.com/go/paper](http://www.hp.com/go/paper)

### Solutions

[www.hp.com/go/gsc](http://www.hp.com/go/gsc)

<sup>3</sup> When Quiet mode is selected, the printer operates at half speed.

<sup>4</sup> Replacement cartridges: average black cartridge yield 2,300 standard pages for CE505A and 6,500 standard pages for CE505X. Declared yield values for replacement cartridges in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

# HP LASERJET P2050 PRINTER SERIES

Technical specifications	HP LaserJet P2055d Printer (CE457A)	HP LaserJet P2055dn Printer (CE459A)
Print speed <sup>5</sup>	Up to 35 ppm, letter	
Document delivery speed	First page out: as fast as 8 seconds from Ready mode, letter Time To Completion for a typical office print job: as fast as 13 seconds, letter <sup>6</sup>	
Print resolution	Up to 1200 by 1200 dpi; HP FastRes 1200; HP ProRes 1200; Resolution Enhancement technology (REt)	
Processor	600 MHz	
Memory	64 MB (expandable up to 320 MB via 1 open 144-pin DIMM slot)	128 MB (expandable up to 384 MB via 1 open 144-pin DIMM slot)
Durability ratings	Recommended monthly volume: 750 to 3,000 pages; <sup>7</sup> Duty cycle: 50,000 pages <sup>8</sup>	
Paper	50-sheet multipurpose tray 1, 250-sheet tray 2; Optional 500-sheet tray 3	
Input	150-sheet output bin	
Output	Automatic	
Two-sided printing	Automatic	
Sizes	Multipurpose tray 1: letter, legal, statement, executive, index cards, envelopes [No. 10 (Com), No. 7 3/4 (Monarch), C5, B5, DL]; custom: 3 x 5 in to 8.5 x 14 in Tray 2, optional tray 3: letter, legal, executive; custom: 4.1 x 5.8 in to 8.5 x 14 in Automatic two-sided printing unit: letter, legal	
Weights	Multipurpose tray 1 (straight-through paper path for special media): 16 to 43 lb Tray 2, optional tray 3: 16 to 32 lb Automatic two-sided printing unit: 16 to 28 lb	
Types	Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, transparencies, heavy media	
Connectivity	One Hi-Speed USB 2.0 port	
Interfaces	One Hi-Speed USB 2.0 port	One Hi-Speed USB 2.0 port, built-in HP Jetdirect Gigabit Ethernet networking
Languages	HP PCL6, HP PCL5c, HP postscript level 3 emulation; automatic language switching	
Fonts	45 scalable TrueType fonts and 35 PostScript® fonts	
Client operating systems	Microsoft® Windows 2000 (driver only), Windows XP® Home, Windows XP Professional, Windows Server 2003 (driver only), Windows Vista®; Linux; UNIX®; Mac OS X v10.3.9, v10.4, v10.5	
Network operating systems	Windows 2000 (drivers only), XP Home, XP Professional, XP Professional x64 (drivers only), Windows Server 2003; Windows Vista; Windows Vista x64 (drivers only); Novell; Linux; UNIX; Mac OS X v10.3.9, v10.4.3, v10.5	
Network protocols	TCP/IP via HP Jetdirect print server	
Security	Firewall, Access Control List, Password protected EWS, SNMP v3, SSL/TLS (HTTPS), Certificate support, 802.1X authentication (EAP-TLS, PEAP)	
Dimensions (width x depth x height)	14.4 x 14.5 x 10.6 in	
Weight (without print cartridge)	23.6 lb	
What's in the box	Printer, preinstalled HP LaserJet Black Print Cartridge, <sup>9</sup> CD (includes software and User Guide), power cord, support flyer	
Also includes		Built-in HP Jetdirect Gigabit Ethernet networking
Warranty	One-year, return to HP authorized service center; telephone and web support	

<b>Environmental ranges</b>	Recommended temperature: 63.5 to 77° F Storage temperature: -4 to 140° F Recommended relative humidity: 30 to 70% Storage relative humidity: 10 to 90% Altitude: Up to 13,000 ft	Typical Electricity Consumption (TEC): 2.233 kWh/Week ENERGY STAR qualified models, see <a href="http://www.hp.com/go/energystar">www.hp.com/go/energystar</a> .
<b>Acoustics<sup>10</sup></b>	Sound power: Active: 6.8 B(A); Ready: inaudible Bystander sound pressure: Active: 55 dB(A); Standby: inaudible	<b>Safety approvals and requirements</b> IEC 60950-1 (International), IEC 60825-1+A1+A2, UL/cUL Listed (US/Canada), EN 60825-1+A1+A2 (Class 1 Laser/LED Device) GB4943-2001
<b>Power specifications</b>	Power supply required: 110 to 127 V (± 10 percent); 60 Hz (± 2 Hz) Power consumption <sup>11</sup> : Active: 570 watts; Ready: 8 watts; Sleep: 8 watts; Off: 0.4 watts	<b>Electromagnetic emission standard</b> CISPR 22: 2005/EN 55022: 2006 Class B, EN 61000-3-2: 2000+A2, EN 61000-3-3: 1995+A1, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-1998
		Supports HP SureSupply. <sup>12</sup> For more information, visit <a href="http://www.hp.com/go/SureSupply">www.hp.com/go/SureSupply</a> .

<sup>5</sup> Speed specifications have been updated to reflect current industry testing methods.

<sup>6</sup> Instant-on Technology uses cutting-edge fuser technology to produce the first page faster when a printer is coming out of low power mode so your print job is done sooner. An InfoTrends study shows the typical office print job is three to five pages long: [www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf](http://www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf). Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

<sup>7</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

<sup>8</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs.

<sup>9</sup> Included print cartridge (CE505A): average black cartridge yield 2,300 standard pages. Replacement print cartridges: average black cartridge yield 2,300 standard pages for CE505A and 6,500 standard pages for CE505X. Declared yield values for replacement cartridges in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

<sup>10</sup> Measured according to ISO 7779 and declared in accordance with ISO 9296; values are subject to change. For current information, see [www.hp.com/support/lip2050series](http://www.hp.com/support/lip2050series). Configuration tested: LJ P2055dn printing simplex.

<sup>11</sup> Values subject to change. See [www.hp.com/support/lip2050series](http://www.hp.com/support/lip2050series) for current information. Power numbers are the highest values measured using all standard voltages.

<sup>12</sup> HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required.



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# LASERJET ENTERPRISE P3010 PRINTER SERIES

P3015d • P3015n • P3015dn • P3015x

!!! \$599.99 \$899.99 \$999.99

This reliable, high-performance, networked<sup>1</sup> laser printer is ideal for businesses that need to print high volumes and confidential documents on a variety of media types.

- Get print speeds up to 42 ppm and a fast first page out. Quickly process complex files.
- Secure all confidential and business-critical data. Ensure only authorized individuals have access by entering a private PIN at the 10-key pad.
- Extend capabilities with a memory slot and optional paper trays. Add HP or partner solutions via two internal accessory ports, an EIO slot, and a hardware integration pocket.
- Count on easy printer operation with features like walk-up USB printing.



## HP performance and durability

Enjoy print speeds up to 42 pages per minute (ppm), letter and a first page out in as fast as 7.5 seconds. Instant-on Technology provides up to a 50 percent faster warm-up time from low-power mode,<sup>2</sup> and up to 50 percent energy savings over competitive laser products.<sup>3</sup>

Quickly process and share large, complex files with a 540 MHz processor, up to 640 MB expandable memory, and gigabit networking. Help prevent unauthorized network admission with 802.1X, which provides device authentication prior to admission.<sup>1</sup>

All-in-one Original HP print cartridges with built-in intelligence deliver reliable, consistently outstanding results, page after page, cartridge after cartridge. Get more out of each cartridge with the optional high capacity toner cartridge.<sup>4</sup>

## Advanced security features

The printer includes a built-in hardware integration pocket (HIP) so you can connect and house your HP and partner security card swipe and authentication devices. Help secure data using IPsec with encryption accelerator assist, along with support for IPv4 and IPv6 protocols.<sup>1</sup> Retrieve confidential print jobs by entering your PIN using the 10 number key pad.

Store data more securely by adding the optional HP High-Performance Secure EIO Hard Disk. Its advanced security features protect sensitive data at rest on your HP printer—all without impacting device performance.<sup>4</sup>

## Flexibility to expand

Extend your printer's capabilities to meet your business needs with an open EIO slot and two internal accessory ports. Plus, add up to 512 MB memory.

Improve productivity with a maximum input capacity of up to 1,600 sheets.<sup>1</sup> Easily print on different types and sizes of media—including labels, envelopes, transparencies, and card stock—with adjustable paper trays. The printer supports letter and legal sizes from all trays. Choose the optional 500-sheet paper tray for added flexibility.<sup>4</sup>

## ecoHIGHLIGHTS

### HP LaserJet Enterprise P3010 Printer Series

#### ECO INFORMATION

- Reduce energy use up to 50 percent with Instant-on Technology<sup>3</sup>
- Reduce paper by up to 50 percent using automatic two-sided printing
- Free, convenient cartridge recycling in over 47 countries



ENERGY STAR<sup>®</sup> Qualified Product  
HP LaserJet P3015n Printer is not ENERGY STAR<sup>®</sup> compliant

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.



<sup>1</sup> Standard and optional features vary by model. Please see "Series at a glance" on page 2 for more information.

<sup>2</sup> Based on third-party testing from Quality Logic, commissioned by HP. See full reports at [www.qualitylogic.com/Contents/Library/Test-Reports/HP-Instant-On-Performance-Reports.aspx](http://www.qualitylogic.com/Contents/Library/Test-Reports/HP-Instant-On-Performance-Reports.aspx).

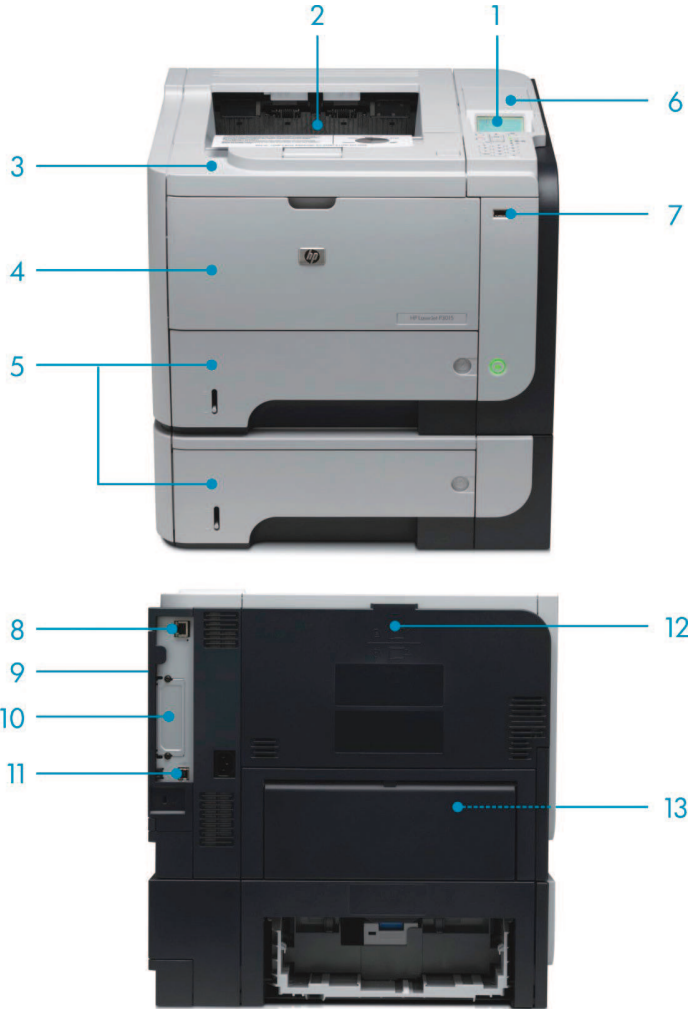
<sup>3</sup> Results are based on internal HP testing using the ENERGY STAR<sup>®</sup> program's Typical Electricity Consumption (TEC) method. Test data was extended to one year. Testing was on a single unit of each product. Individual product configuration will affect power consumption.

<sup>4</sup> Not included, please purchase separately.

# HP LASERJET ENTERPRISE P3010 PRINTER SERIES

- 1 Intuitive control panel with four-line LCD display, 10-number key pad, and **Show-Me-How** menu
- 2 250-sheet top output bin
- 3 One-door access to the easy-to-install print cartridge
- 4 100-sheet multipurpose tray handles a variety of special papers
- 5 Two 500-sheet input trays for a 1,100-sheet total input capacity
- 6 Hardware integration pocket for connecting optional HP and partner solutions
- 7 Host USB 2.0 port for walk-up USB printing<sup>5</sup>
- 8 HP Jetdirect 10/100/1000 Ethernet embedded print server
- 9 128 MB memory expandable to 640 MB, and a 540 MHz processor
- 10 Two internal accessory ports for connecting HP or partner solutions
- 11 One open EIO slot
- 12 Hi-Speed USB 2.0 port for direct connection to printer
- 13 100-sheet straight-through path supports special papers
- 14 Built-in automatic two-sided printing

HP LaserJet Enterprise P3015x Printer shown



## Series at a glance



P3015d Printer



P3015n Printer



P3015dn Printer



P3015x Printer

Part number	CE526A	CE527A	CE528A	CE529A
<b>Control panel</b>	4-line LCD display, 10-key pad	4-line LCD display, 10-key pad	4-line LCD display, 10-key pad	4-line LCD display, 10-key pad
<b>Hardware integration pocket</b>	✓	✓	✓	✓
<b>100-sheet multipurpose tray 1, 500-sheet tray 2</b>	✓	✓	✓	✓
<b>500-sheet tray 3</b>	Optional	Optional	Optional	✓
<b>500-sheet tray 4</b>	Optional	Optional	Optional	Optional
<b>HP Jetdirect 10/100/1000 Ethernet print server</b>	Optional	Optional	Embedded	Embedded
<b>Automatic two-sided printing</b>	✓	No	✓	✓
<b>Memory</b>	128 MB (expandable up to 640 MB)	128 MB (expandable up to 640 MB)	128 MB (expandable up to 640 MB)	128 MB (expandable up to 640 MB)
<b>ENERGY STAR® qualified</b>	✓	No	✓	✓

<sup>5</sup> Compatible with most USB 2.0 certified, 128 MB to 2 GB NAND Flash Memory Devices.

After 25 years of **CONTINUOUS INNOVATION** and reliable, professional-quality printing, HP LaserJet remains the brand businesses count on.

### Easy to use and manage

Use the printer's front-panel host USB 2.0 port to get convenient, walk-up USB printing that supports common PDF, PRN, and PS file extensions. Reduce calls to IT with features like the four-line LCD control panel and the **Show-Me-How** menu. Easy-to-use, advanced, larger controls visually walk users through procedures, setup, and troubleshooting.

Increase your manageability even further—use the two internal accessory ports to add any of a full portfolio of innovative HP Certified Partner solutions that integrate easily into your existing infrastructure (for more information, visit [www.hp.com/go/gsc](http://www.hp.com/go/gsc)).

Easily set up and manage your print fleet with industry-leading HP Web Jetadmin and the HP Universal Print Driver. These solutions allow you to install, configure, monitor, troubleshoot, and manage your printing devices from anywhere on the network.<sup>6</sup>

Enjoy hassle-free recycling—cartridges returned via HP Planet Partners are recycled responsibly. HP provides free postage for returning HP print cartridges, the ability to request pickup for used computer equipment, the flexibility to recycle many types of technology products, and more.<sup>7</sup>

## Get the most out of your printer with HP accessories, supplies, and services.

### 500-sheet Input Tray/Feeder

Improve productivity by increasing total input capacity to up to 1,600 sheets. Print on a range of paper types in sizes from 4.1 by 5.8 in to 8.5 by 14 in, while decreasing time spent loading paper.



CE530A

### HP Services

Because downtime can have serious business consequences, HP provides high-quality services that extend beyond the standard warranty and help you avoid unbudgeted repair costs. Benefits include reduced printing and infrastructure costs, maximized uptime, expert technical phone support, and predictable, consistent service delivery—even across multiple locations.

Recommended services:

- **Installation Service with Network Setup:** expert assembly of HP accessories, hardware verification, network configuration, and basic administrator familiarization
- **Next Day Onsite Service:** HP-employed service engineer or authorized support provider delivers service the next day after your call has been logged
- **Next Day Exchange Service:** The printer is replaced the day after it goes down with door-to-door pick-up and delivery

These services and additional coverage options can be purchased as:

- **HP Care Pack Services:** easy-to-buy, easy-to-use support packages
- **HP Contractual Services:** a comprehensive portfolio for maintaining maximum IT availability

HP also offers **HP Managed Print Services:** scalable assessment, procurement, implementation, management, maintenance, support, and workflow services.

For more information visit: [www.hp.com/go/printservices](http://www.hp.com/go/printservices).

### Supplies

- HP LaserJet Black Print Cartridge<sup>8</sup> **CE255A**
- HP LaserJet Black Print Cartridge (high-capacity)<sup>8</sup> **CE255X**

### Accessories

- 500-sheet Input Tray/Feeder CE530A
- HP Hardware Integration Pocket Cable CE981A

### Memory/storage

- HP 64 MB, 144-pin x32 DDR2 DIMM CC413A
- HP 128 MB, 144-pin x32 DDR2 DIMM CC414A
- HP 256 MB, 144-pin x32 DDR2 DIMM CC415A
- HP 512 MB, 144-pin x32 DDR2 DIMM CE483A
- HP Secure High-performance EIO Hard Disk J8019A

### Connectivity

- HP Jetdirect 635n IPv6/IPsec Internal Print Server J7961G
  - HP Jetdirect 690n IPv6/IPsec 802.11g Wireless Print Server J8007G
  - HP Jetdirect ew2400 802.11g Wireless Print Server J7951G
  - HP Jetdirect 620n Fast Ethernet Print Server J7934G
  - HP 1284B Parallel Card J7972G
- (For more information, visit [www.hp.com/go/jetdirect](http://www.hp.com/go/jetdirect))

### Service and support

- HP 3-year Next Business Day Exchange UP871E
- HP 3-year Next Business Day Onsite Service UP872E
- HP Installation Service with Network Setup UC742E

### Paper

[www.hp.com/go/paper](http://www.hp.com/go/paper), 1-800-477-5010

### Solutions

[www.hp.com/go/gsc](http://www.hp.com/go/gsc)

### Fonts

- HP BarCodes & More
- HP Scalable BarCode Font Set HG281US
- HP BarCodes Printing Solution HG282UT
- HP MICR Font Solution HG271US
- (HP LaserJet Fonts and IPDS Emulation available at: [www.hp.com/go/laserjetfonts](http://www.hp.com/go/laserjetfonts)) HG283US

<sup>6</sup> Embedded networking available on the HP LaserJet Enterprise P3015dn and P3015x printer models only. Please see "Series at a glance" on page 2 for more information.

<sup>7</sup> Available in select countries. For more information, please visit [www.hp.com/recycle](http://www.hp.com/recycle).

<sup>8</sup> Average CE255A black cartridge yields 6,000 standard pages and average CE255X black cartridge yields 12,500 standard pages. Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutequipment](http://www.hp.com/go/learnaboutequipment).

# HP LaserJet Enterprise P3010 Printer series

**TECH 2000, INC.**

Technical specifications	HP LaserJet P3015d Printer (CE526A)	HP LaserJet P3015n Printer (CE527A)	HP LaserJet P3015dn Printer (CE528A)	HP LaserJet P3015x Printer (CE529A)
Print speed <sup>9</sup>	Up to 42 ppm, letter			
Document delivery speed	First page out: as fast as 7.5 seconds from Ready, as fast as 16 seconds from Sleep			
Print resolution	HP FastRes 1200, HP ProRes 1200; Up to 1200 by 1200 dpi			
Control panel	4-line LCD display, 3 LED indicator lights (Ready, Data, Attention), buttons (10 numeric keys, Information, Return, Stop/Cancel, OK, Toggle up/down)			
Processor	540 MHz			
Memory	128 MB, expandable to 640 MB			
Durability ratings	Recommended monthly volume: 1,500 to 5,000 pages; <sup>10</sup> Duty cycle: up to 100,000 pages <sup>11</sup>			
Paper Input	100-sheet multipurpose tray 1, 500-sheet tray 2, Optional 500-sheet trays 3 and 4		100-sheet multipurpose tray 1, 500-sheet tray 2, 500-sheet tray 3; Optional 500-sheet tray 4	
Paper Output	250-sheet top output bin, 100-sheet rear output bin			
Two-sided printing	Automatic	No	Automatic	
Sizes	Tray 1: Letter, legal, executive; envelopes; custom sizes: 3 by 5 in to 8.5 by 14 in; Trays 2 and 3: letter, legal, executive; custom sizes: 4.1 by 5.8 in to 8.5 by 14 in Automatic two-sided printing unit: letter, legal, executive (JIS)			
Weights	Tray 1 (straight through paper path for special media): 16 to 53 lb bond Trays 2 and 3, Automatic two-sided printing unit: 16 to 32 lb bond			
Types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes; labels; cardstock; transparencies; user-defined			
Connectivity				
Interfaces	1 front-panel Hi-Speed Host USB 2.0, 1 EIO slot, 1 Hi-Speed Device USB 2.0 for direct connection to printer, and 2 internal Host USB 2.0 for connecting HP or partner solutions		HP Jetdirect 10/100/1000 Ethernet embedded print server, 1 front-panel Hi-Speed Host USB 2.0, 1 EIO slot, 1 Hi-Speed Device USB 2.0 for direct connection to printer, and 2 internal Host USB 2.0 for connecting HP or partner solutions	
Languages	HP PCL 5e, HP PCL 6, HP postscript level 3 emulation, direct PDF printing v1.4			
Fonts	PCL: 103 internal font set (plus Greek, Hebrew, Cyrillic, Arabic); PS: 93 internal font set (plus Greek, Hebrew, Cyrillic, Arabic)			
Client operating systems	Microsoft® Windows® 2000 (SP4), XP® Home, XP Professional, Vista®, Vista x64, Server 2003, Server 2008; Mac OS X v10.4 or higher; Novell NetWare; Red Hat Linux 7.x or higher; SuSE Linux 8.x or higher			
Network operating systems	Microsoft Windows 2000, Server 2003, Server 2008, XP Home, XP Professional, Vista, 2003 64-bit, XP 64-bit, Vista 64-bit (For IPv6 compatible with Windows 2003, XP, Vista, and Server 2008); Novell 5.1 or higher; Mac OS X v10.2, v10.3, v10.4 or higher; Red Hat Linux 7.x or higher; SuSE Linux 8.x or higher; HP-UX 10.20, 11.x, 11.i; Solaris 2.5 or higher (SPARC systems only); IBM AIX 3.2.5 or higher; MPE-iX; Citrix MetaFrame Server; Windows Terminal Services			
Network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 and higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Other: IPX/SPX, AppleTalk, NetWare NDS, Bindery, NDP5, iPrint			
Security	SNMPv3, SSL/TLS, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/firewall with certificate, pre-shared key authentication, and Kerberos authentication. Support for WJA-10 IPsec configuration using IPsec plug-in.			
Dimensions (w by d by h)	17.6 by 16.2 by 12.4 in		17.6 by 16.2 by 18.9 in	
Weight (without print cartridge)	35 lb		46.6 lb	
What's in the box	Printer; power cord; preinstalled HP LaserJet CE255A black print cartridge; 12 software and documentation on CD-ROM; Getting Started Guide; support flyer; Warranty Guide (where applicable); built-in automatic two-sided printing			
Also includes	HP Jetdirect 10/100/1000 Ethernet embedded print server		HP Jetdirect 10/100/1000 Ethernet embedded print server, 500-sheet input tray 3	
Warranty	One-year, return to HP authorized service center warranty backed by HP Customer Care, service and support; one-year technical phone support			

## Environmental ranges

Recommended temperature	59 to 89 degrees F
Storage temperature	-4 to 104 degrees F
Recommended relative humidity	30 to 70 percent
Storage relative humidity	10 to 90 percent
Altitude	Up to 10,000 ft

## Acoustics<sup>14</sup>

Sound power	Active: 6.8 B(A); Quiet Mode: 6.2 B(A); Ready: inaudible
Bystander sound pressure	Active: 54 dB(A); Quiet Mode: 48 dB(A); Ready: inaudible

## Power specifications

Required input voltage	100 to 127 V (±10 percent), 50/60 Hz (±2 Hz) 220 to 240 V (±10 percent), 50/60 Hz (±2 Hz)
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## Power consumption<sup>13</sup>

Active: 780 watts; Standby: 14.5 watts; Powersave: 8.5 watts; Off: 0.6 watts Typical Electricity Consumption (TEC): 3.267 kWh/Week
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Energy Star qualified models, see [www.hp.com/go/energystar](http://www.hp.com/go/energystar)

## Certifications

Safety	IEC 60950-1 (International); IEC 60825-1+A1+A2; NRTL Listed (US/Canada); other safety approvals as required by individual countries
EMC	CISPR 22: 2005/EN 55022: 2006 Class B, EN 61000-3-2: 2006, EN 61000-3-3: 1995+A1+A2, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), other EMC approvals as required by individual countries

Works with HP SureSupply.<sup>15</sup> To learn more, visit: [www.hp.com/go/SureSupply](http://www.hp.com/go/SureSupply)

<sup>9</sup> Exact speed varies depending on the system configuration, software application, and document complexity.

<sup>10</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

<sup>11</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

<sup>12</sup> Average cartridge yield 6,000 pages. Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

<sup>13</sup> Values subject to change. Power numbers are the highest values measured using all standard voltages. See [www.hp.com/support](http://www.hp.com/support) for current information.

<sup>14</sup> Measured according to ISO 7779 and declared in accordance with ISO 9296; values are subject to change. For current information, see [www.hp.com/support](http://www.hp.com/support). Configuration tested: HP LaserJet P3015dn printing simplex on A4 paper.

<sup>15</sup> HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required.



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## HP LaserJet P4014n Printer

\$699.99



Get reliable, fast, and affordable black-and-white printing for your workgroup.

### Robust productivity

With print speeds of up to 45 pages per minute (ppm) and a 540 MHz processor, the HP LaserJet P4014n Printer will help your workgroup operate at peak efficiency. Get consistent results and optimal performance with the printer's latest advancements in toner technology. Legendary HP reliability means worry-free printing that stands up to the demands of your office environment.

Start fast and finish sooner. Time To Completion (TTC) of a typical office print job can be nearly twice as fast with Instant-on Technology.<sup>1</sup>

### Expandable features

Improve performance and increase storage capacity with an optional EIO hard disk. The printer also supports optional Jetdirect and third-party solutions via the EIO slot and Host USB 2.0-like ports.

Get reliable, efficient sharing, even for your large workgroup, with Gigabit networking.

Experience fewer interruptions and streamline workflows with optional paper handling accessories, including an additional 500-sheet or 1,500-sheet input tray, an automatic duplexer for two-sided printing, an envelope feeder, and output options such as a 5-bin mailbox, stacker, or stapler/stacker. Print on a variety of media types and sizes to produce the output that meets your specific business needs.

### Easy to use

Operate and maintain your printer without assistance from IT. Printer configuration and troubleshooting is a snap with **Show-Me-How** features on the control panel.

Avoid interruptions and increase productivity. HP Easy Printer Care software lets you monitor and maintain up to 15 HP LaserJet printers and MFPs simultaneously.<sup>2</sup> Use a single driver—the HP Universal Print Driver communicates directly with each HP device on your network and customizes the user interface to show available features.<sup>3</sup>

<sup>1</sup> Instant-on Technology uses cutting-edge fuser technology to produce the first page faster when a printer is coming out of low power mode so your print job is done sooner. An InfoTrends study shows the typical office print job is three to five pages long: [www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf](http://www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf). Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

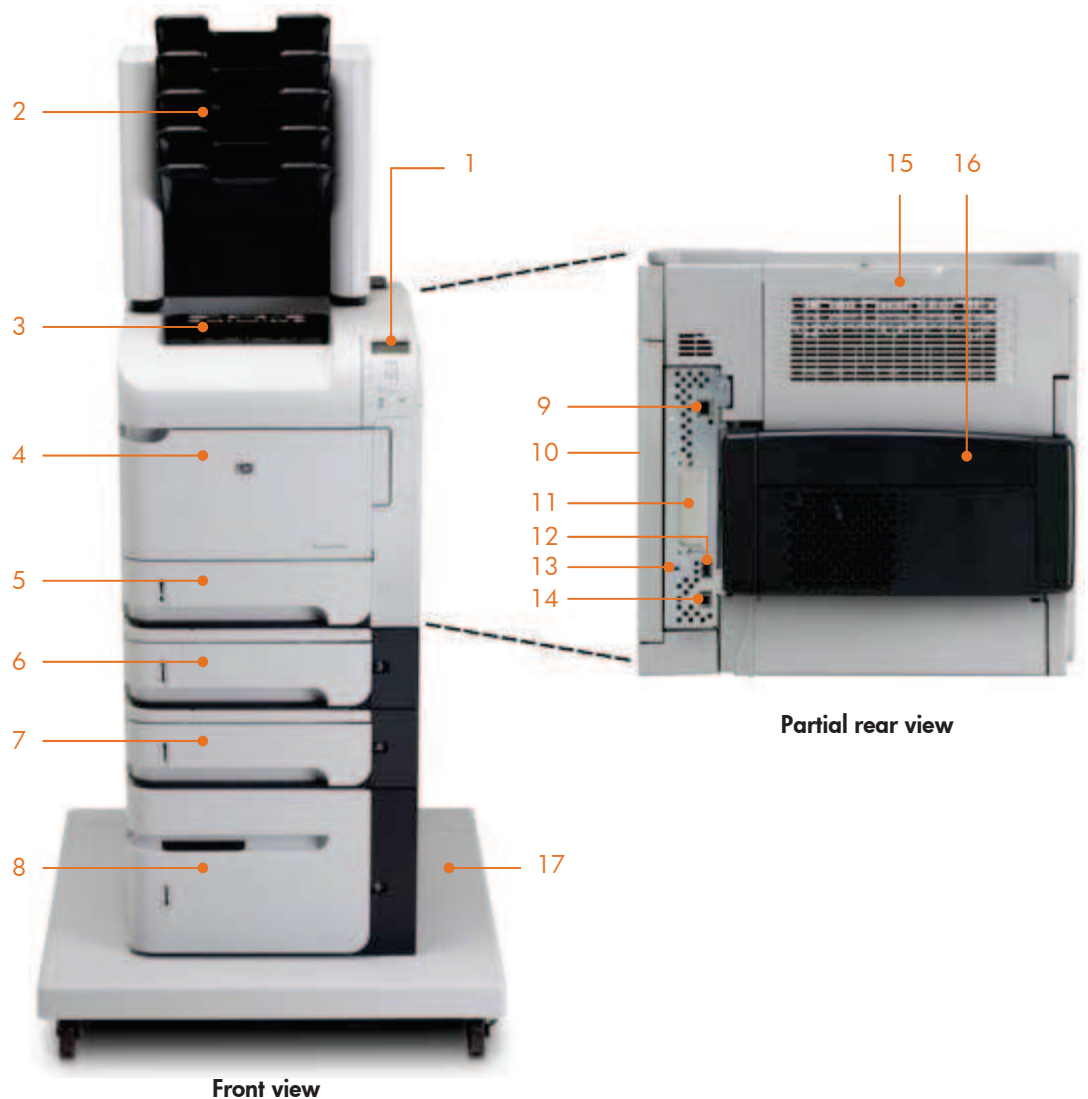
<sup>2</sup> Easy Printer Care Software is free and may be downloaded at [www.hp.com/go/easyprintercare](http://www.hp.com/go/easyprintercare), where you can also find a detailed printer-compatibility matrix.

<sup>3</sup> To download the free HP Universal Print Driver Series for Windows, visit [www.hp.com/go/upd](http://www.hp.com/go/upd).

# HP LaserJet P4014n Printer

- 1 Control panel simultaneously displays up to four lines of text and animated graphics
- 2 Optional 500-sheet 5-bin mailbox with sorting capability
- 3 500-sheet top output bin
- 4 Adjustable 100-sheet multipurpose input tray 1 for special media
- 5 500-sheet input tray 2
- 6 Optional 500-sheet input tray 3
- 7 Optional 500-sheet input tray 4
- 8 Optional 1,500-sheet high capacity input tray
- 9 HP Jetdirect Gigabit Ethernet embedded print server for easy network sharing
- 10 A powerful 540 MHz processor and 128 MB memory, upgradeable to 640 MB
- 11 EIO expansion slot supports an optional parallel card, hard disk, or Jetdirect print server
- 12 One external and two internal Host USB 2.0-like ports for third-party connections
- 13 Security lock slot
- 14 Hi-Speed USB 2.0 port for direct connection to printer
- 15 100-sheet rear output bin
- 16 Optional duplexer for automatic two-sided printing
- 17 Optional printer stand enables printer mobility

Printer shown with optional 500-sheet 5-bin mailbox, optional 500-sheet input trays 3 and 4, optional 1,500-sheet high capacity input tray, optional printer stand, optional duplexer



# Minimize your impact with an environmentally conscious printer.

## Saves resources

Be ready to print in seconds: Instant-on Technology in HP LaserJet devices provides up to 50 percent energy savings over traditional fusing while providing a first page-out in seconds—nearly twice as fast as competitive products without this technology. The use of Instant-on Technology has reduced emissions by 4.1 million tons of CO<sub>2</sub> to date—the equivalent of removing 870,000 cars from the road for one year.<sup>4</sup>

Cut paper consumption in half and save money with optional automatic two-sided printing.

Recycle cartridges with HP Planet Partners. This industry-leading program gives companies around the world an easy and environmentally conscious way to return hardware and print supplies for recycling after use.

## Get the most out of your printer with HP accessories, supplies, and services.



### CB524A

Make business mailing simple and efficient with the HP LaserJet 75-sheet Envelope Feeder.



### CB522A

Enjoy hassle-free, unattended printing with HP LaserJet 500-sheet Stapler/Stacker.



### CB520A

Find your printed output quickly and easily with the HP LaserJet 500-sheet 5-Bin Mailbox.

## HP Support Services

### Minimize the cost of downtime

Because printer downtime can have serious business consequences, HP provides high-quality services that extend beyond the standard warranty and help you avoid unbudgeted repair costs.

**Benefits** include reduced printing and infrastructure costs, maximized uptime, expert technical phone support and delivery services, and predictable and consistent service delivery across multiple locations.

Choose:

- **Installation Service with Network Configuration:** expert assembly of HP accessories, hardware verification, network configuration, and basic administrator familiarization
- **Same Day Onsite Service:** technician arrives at your site within four hours after service call is received, if this time falls within the coverage window
- **Next Day Onsite Service:** technician-delivered onsite service the next business day after the service call

Any of the above options can be purchased as:

- **HP Care Pack Services:** easy-to-buy, easy-to-use support packages
- **HP Contractual Services:** a comprehensive portfolio for maintaining maximum IT availability

HP also offers **Managed Print Services:** a solution scalable from imaging and printing devices and toner cartridges, to installation, management, maintenance, and support

For more information visit: [www.hp.com/go/printservices](http://www.hp.com/go/printservices).

### Product

HP LaserJet P4014n Printer

CB507A

### Print cartridge with HP Smart Printing Technology<sup>5</sup>

HP LaserJet Black Print Cartridge (10,000 pages)

CC364A

### Paper handling

HP LaserJet 500-sheet Input Tray and Feeder

CB518A

HP LaserJet 1,500-sheet High Capacity Input Tray

CB523A

HP LaserJet 75-sheet Envelope Feeder

CB524A

HP LaserJet Automatic Duplexer for Two-sided Printing **\$300.00+**

CB519A

HP LaserJet 500-sheet 5-Bin Mailbox

CB520A

HP LaserJet 500-sheet Stacker

CB521A

HP LaserJet 500-sheet Stapler/Stacker

CB522A

### Accessories and supplies

HP LaserJet Printer Stand

CB525A

HP LaserJet 1,000 Staple Cartridge Pack (3 cartridges by 1,000)

Q3216A

HP LaserJet Printer Maintenance Kit (110V)

CB388A

HP LaserJet Printer Maintenance Kit (220V)

CB389A

### Memory/storage

HP 64 MB DDR2 144-pin x32

CC413A

HP 128 MB DDR2 144-pin x32

CC414A

HP 256 MB DDR2 144-pin x32

CC415A

HP 512 MB DDR2 144-pin x32

CE483A

HP High Performance Serial ATA Hard Disk

J7989G

### Connectivity

HP Jetdirect 620n Fast Ethernet Print Server

J7934G

HP Jetdirect 630n IPv6 Gigabit Ethernet Print Server

J7997G

HP Jetdirect 635n IPv6/IPSec Internal Print Server

J7961G

HP Jetdirect 690n Wireless Print Server

J8007G

HP Jetdirect en3700 Fast Ethernet Print Server

J7942G

HP Jetdirect en1700 IPv4/IPV6 Print Server

J7988G

HP Jetdirect ew2400 802.11g Wireless Print Server

J7951G

HP 1284B Parallel Card

J7972G

For more information, visit [www.hp.com/go/jetdirect](http://www.hp.com/go/jetdirect)

### Service and support

HP 3-year, Next Business Day Onsite Service

H5479E

HP 3-year, Next Business Day Exchange Service

U2889E

HP On-site Installation and Network Configuration

UC742E

HP 1-year, Post-warranty, Next Business Day Onsite Service

H2664PE

HP 1-year, Post-warranty, Next Business Day Exchange Service

U6403PE

HP 1-year, Post-warranty Service, Phone and Online Assistance

HC128PE

For more information, visit [www.hp.com/services/printer](http://www.hp.com/services/printer)

### Paper

[www.hp.com/go/paper](http://www.hp.com/go/paper)

### Solutions

[www.hp.com/go/gsc](http://www.hp.com/go/gsc)

<sup>4</sup> The tons of CO<sub>2</sub> avoided is based on power plant emissions that otherwise would occur to generate the electricity saved; cars removed is based on annual emissions from cars burning gasoline.

<sup>5</sup> Declared yield values in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

# HP LaserJet P4014n Printer

Technical specifications		HP LaserJet P4014n Printer (CB507A)
<b>Print speed<sup>6</sup></b>	Up to 45 ppm, letter	
<b>Document delivery speed</b>	First page out: as fast as 8.5 seconds from Ready mode Time To Completion for a typical office print job: as fast as 16.5 seconds <sup>7</sup>	
<b>Print resolution</b>	Up to 1200 by 1200 dpi; HP RET, HP 300 dpi, HP 600 dpi, HP FastRes 1200, HP ProRes 1200	
<b>Processor</b>	540 MHz	
<b>Memory</b>	128 MB, expandable to 640 MB via one open 144-pin 32 bit DDR2 DIMM slot	
<b>Recommended monthly volume</b>	3,000 to 12,000 pages <sup>8</sup>	
<b>Duty cycle</b>	Up to 175,000 pages <sup>9</sup>	
<b>Paper</b>		
Input	100-sheet multipurpose tray 1, 500-sheet tray 2	
Output	100-sheet rear output bin, 500-sheet top output bin	
<b>Two-sided printing</b>	Manual (optional accessory available for automatic two-sided printing)	
Sizes	Multipurpose tray 1: letter, legal, executive, statement, 8.5 by 13.0 in, envelope (Com 10, Monarch No. 7 3/4); custom: 3.0 by 5.0 in to 8.5 by 14.0 in Input tray 2 and optional input tray 3: letter, legal, executive, statement, 8.5 by 13.0 in; custom: 5.8 by 8.3 in to 8.5 by 14.0 in Optional automatic duplexer for two-sided printing: letter, legal, executive; custom: 5.8 by 8.3 in to 8.5 by 14.0 in Optional 500-sheet 5-bin mailbox: letter, legal, executive, statement, 8.5 by 13.0 in; custom: 5.8 by 8.3 in to 8.5 by 14.0 in	
Weights	Multipurpose tray 1: 16 to 53 lb Input tray 2, optional input tray 3, optional 500-sheet feeder, optional high capacity input tray, optional automatic duplexer for two-sided printing: 16 to 32 lb Optional envelope feeder: 20 to 28 lb	
Types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, user-defined	
<b>Connectivity</b>		
Interfaces	1 Hi-Speed USB 2.0, 1 EIO slot, 1 external and 2 internal Host USB 2.0-like ports for third-party connection, HP Jetdirect Gigabit Ethernet embedded print server	
Languages	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF (v1.4) printing (192 MB printer memory recommended)	
Fonts	80 HP font set (plus Greek, Hebrew, Cyrillic, Arabic)	
Client operating systems	Windows® 2000; Windows XP® Home; Windows XP Professional; Windows Server 2003, Certified for Windows Vista®; Mac OS X v10.2.8, v10.3, v10.4, v10.5, and later	
Network operating systems	Via an HP Jetdirect print server: Microsoft Windows 2000, Server 2003, XP, Vista, 2003 64-bit, XP 64-bit, Vista 64-bit (For Microsoft IPv6 compatible with Windows 2003, XP, and Vista); Novell 5.1 and later; Mac OS X v10.2.8, v10.3, v10.4, v10.5, and later; Red Hat Linux 7.x and later; SuSE Linux 8.x and later; HP-UX 10.20, 11.x, 11.i; Solaris 2.5 and later (SPARC systems only); IBM AIX 3.2.5 and later 1; MPE-iX; Citrix MetaFrame Server; Windows Terminal Services	
Network protocols	Supported via an HP Jetdirect print server: IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 and later), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, TFTP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: IPX/SPX, AppleTalk, NetWare NDS, Bindery, NDPS, iPrint	
Security	Management security: SNMPv3, SSL/TLS (HTTPS), Firewall, Port authentication, 802.1X (EAP-PEAP, EAP-TLS): optional IPsec (Requires HP Jetdirect 635n IPv6/IPSec EIO Print Server); Wireless network security (Requires HP Jetdirect 690n Wireless Print Server): 802.1X (EAP-PEAP, EAP-TLS), WPA, WPA2 authentication, AES, TKIP, WEP (40/64- and 128-bit) encryption	
<b>Dimensions (w by d by h)</b>	16.5 by 17.7 by 15.5 in	
<b>Weight (includes print cartridge)</b>	56.92 lb	
<b>What's in the box</b>	Printer, right-angled power cord, control panel overlay, software and documentation on CD-ROM, print cartridge, <sup>10</sup> Getting Started Guide, support flyer	
<b>Warranty</b>	One-year, return to HP authorized service center, limited warranty	

Environmental ranges		Certifications	
Recommended temperature	50 to 90 degrees F	Safety	IEC 60950-1 (International), IEC 60825-1+A1+A2, UL/cUL Listed (US/Canada), EN 60825-1+A1+A2 (Class 1 Laser/LED Device) GB4943-2001
Storage temperature	32 to 95 degrees F		
Recommended relative humidity	10 to 80 percent		
Storage relative humidity	10 to 95 percent		
Altitude	Up to 10,000 ft		
<b>Acoustics</b>		EMC	CISPR 22: 2005/EN 55022: 2006 Class B, EN 61000-3-2: 2000+A2, EN 61000-3-3: 1995+A1, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-1998
Sound power <sup>11</sup>	Maximum: 7.1 B(A)      Ready: 4.0 B(A)		
Bystander sound pressure	Active: 58 dB(A)      Ready: 27 dB(A)		
<b>Power specifications</b>			
Required input voltage	100 to 127 V (±10 percent), 50/60 Hz (±3 Hz) 220 to 240 V (±10 percent), 50/60 Hz (±3 Hz)		
Power consumption <sup>12</sup>	Active: 800 watts      Sleep: 12 watts Ready: 17 watts      Off: 0 watts		
Typical Electricity Consumption (TEC):	4.110 kWh/Week		HP SureSupply enabled. To learn more, visit <a href="http://www.hp.com/learn/suresupply">www.hp.com/learn/suresupply</a>

<sup>6</sup> Exact speed varies depending on system configuration, software application, driver, and document complexity.

<sup>7</sup> An InfoTrends study shows the typical office print job is three to five pages long: [www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf](http://www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf). Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

<sup>8</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

<sup>9</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs.

<sup>10</sup> Average continuous black cartridge yield 10,000 standard pages. Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

<sup>11</sup> Measured per ISO 7779 and declared per ISO 9296; values subject to change. For current information see [www.hp.com/support](http://www.hp.com/support).

<sup>12</sup> Values subject to change. See [www.hp.com/support](http://www.hp.com/support) for current information. Power numbers are the highest values measured using all standard voltages.



Linux is a U.S. registered trademark of Linus Torvalds. Microsoft, Windows, and Windows XP are registered trademarks of Microsoft Corporation. Windows Vista is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

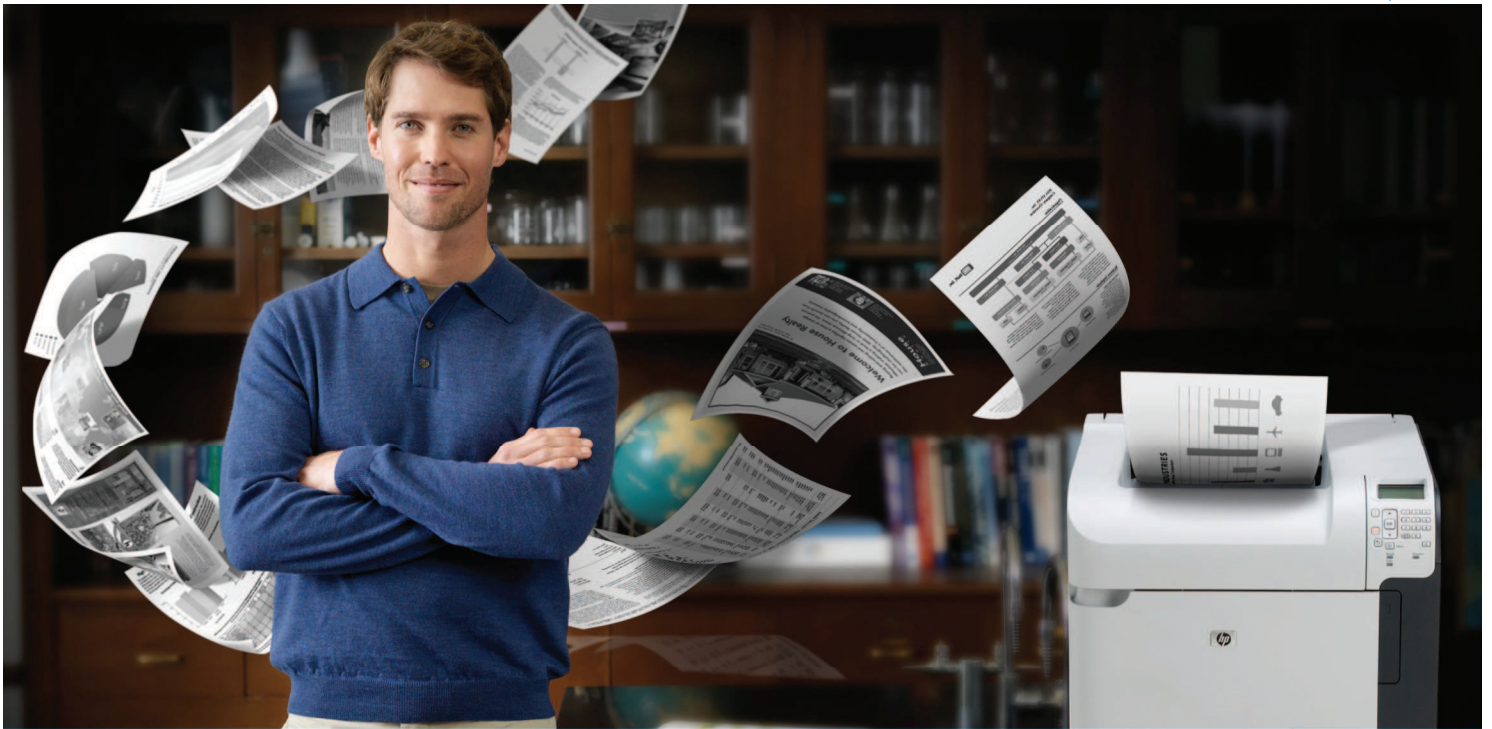
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4AA1-4111ENUC, February 2008





## HP LaserJet P4015 Printer series

P4015n • P4015tn • P4015x \$1,199.99 \$1,299.99 1,579.99



Improve workgroup security and productivity with a high-performance black-and-white printer.

### Secure, reliable printing

Accomplish more with a robust printer you can count on—the HP LaserJet P4015 Printer series.

In addition to supporting standard security protocols and optional third-party security solutions, the printer includes industry-leading security capabilities. Get fast, secure performance across your network with advanced IPsec encryption, prevent unauthorized access with management features like 802.1X authentication and password protection, and guard sensitive information with support for private printing. Just press the **Folder** button to view your stored jobs, enter a PIN, and print your documents.

### High speeds and performance

Enhanced HP toner enables print speeds of up to 52 pages per minute (ppm), letter. Time To Completion (TTC) of a typical office print job can be nearly twice as fast with Instant-on Technology.<sup>1</sup>

<sup>1</sup> Instant-on Technology uses cutting-edge fuser technology to produce the first page faster when a printer is coming out of low power mode so your print job is done sooner. An InfoTrends study shows the typical office print job is three to five pages long: [www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf](http://www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf). Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

<sup>2</sup> Find more information and download HP Web Jetadmin free at [www.hp.com/go/webjetadmin](http://www.hp.com/go/webjetadmin).

<sup>3</sup> To download the free HP Universal Print Driver Series for Windows, visit [www.hp.com/go/upd](http://www.hp.com/go/upd).

Save time and improve productivity—the 540 MHz processor handles complex documents quickly. Get reliable, efficient sharing, even for your large workgroup, with Gigabit networking.

### Flexible and expandable

Upgrade your printer as business needs evolve with a host of optional paper handling and finishing accessories, including additional 500-sheet or 1,500-sheet input trays, an automatic duplexer for two-sided printing, an envelope feeder, a 5-bin mailbox, a stacker, or a stapler/stacker. Print on a variety of media types and sizes for output that meets your specific business needs.

Improve performance and increase storage capacity with an optional EIO hard disk. The printer also supports optional Jetdirect and third-party solutions via the EIO slot and Host USB 2.0-like ports.

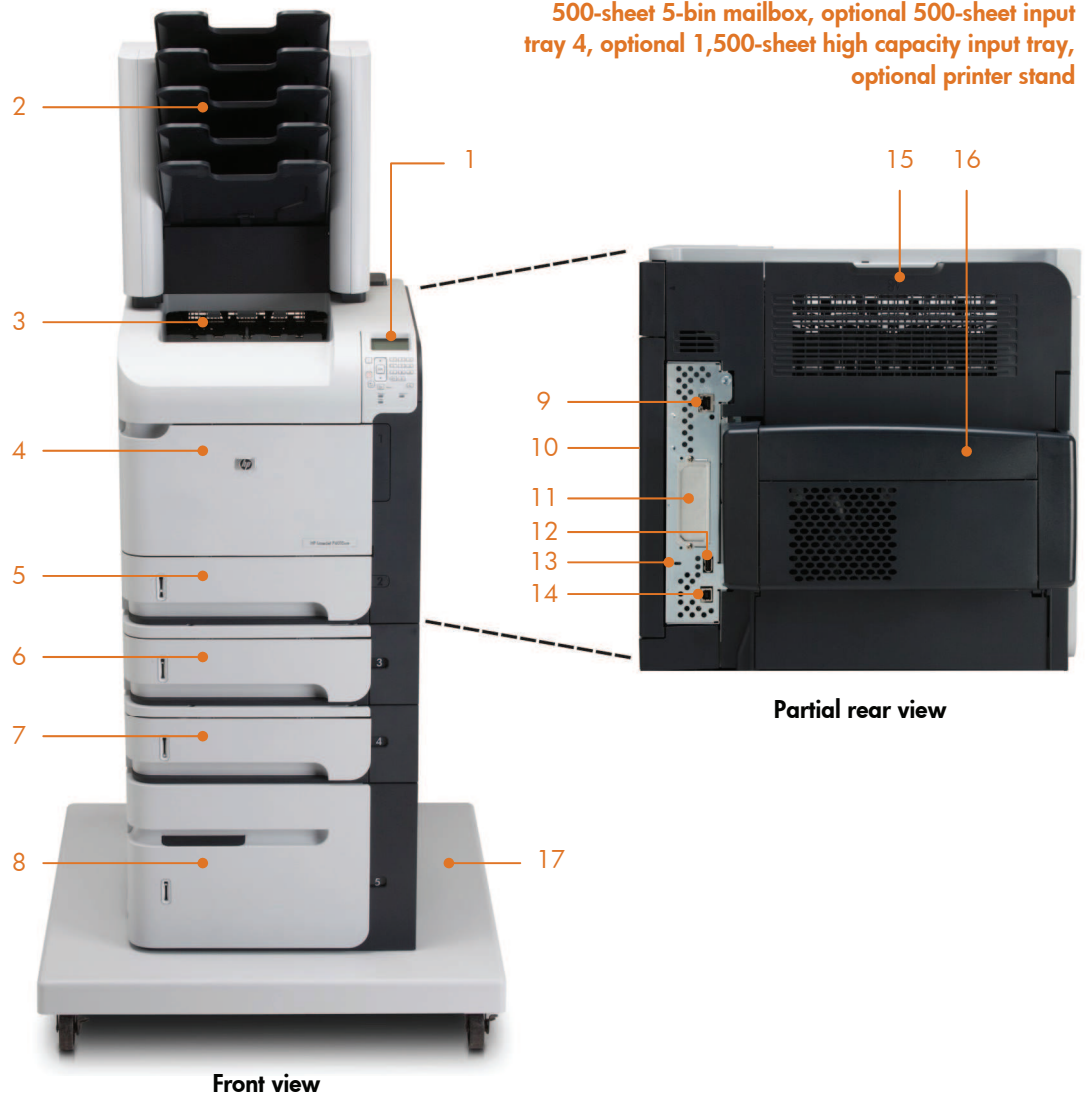
### Easy to manage

Simplify fleet management tasks and reduce IT costs with HP Web Jetadmin.<sup>2</sup> Use a single driver—the HP Universal Print Driver communicates directly with each HP device on your network and customizes the user interface to show available features.<sup>3</sup>

# HP LaserJet P4015 Printer series

- 1 Control panel simultaneously displays up to four lines of text and animated graphics and features a built-in 10-key pad
- 2 Optional 500-sheet 5-bin mailbox with sorting capability
- 3 500-sheet top output bin
- 4 Adjustable 100-sheet multipurpose input tray 1 for special media
- 5 500-sheet input tray 2
- 6 500-sheet input tray 3
- 7 Optional 500-sheet input tray 4
- 8 Optional 1,500-sheet high capacity input tray
- 9 HP Jetdirect Gigabit Ethernet embedded print server with IPSec
- 10 A powerful 540 MHz processor and 128 MB of standard printing memory, expandable up to 640 MB
- 11 EIO expansion slot supports an optional parallel card, hard disk, or Jetdirect print server
- 12 One external and two internal Host USB 2.0-like ports for third-party connections
- 13 Security lock slot
- 14 Hi-Speed USB 2.0 port for direct connection to printer
- 15 100-sheet rear output bin
- 16 Duplexer for automatic two-sided printing
- 17 Optional printer stand enables printer mobility

HP LaserJet P4015x Printer shown with optional 500-sheet 5-bin mailbox, optional 500-sheet input tray 4, optional 1,500-sheet high capacity input tray, optional printer stand



## Series at a glance



P4015n

CB509A



P4015tn

CB510A



P4015x

CB511A

Part number	CB509A	CB510A	CB511A
HP Jetdirect Gigabit Ethernet embedded print server with IPSec	✓	✓	✓
100-sheet multipurpose tray 1	✓	✓	✓
500-sheet tray 2	✓	✓	✓
500-sheet tray 3	Optional	✓	✓
Automatic two-sided printing	Optional	Optional	✓
Memory	128 MB	128 MB	128 MB
Recommended monthly print volume	3,000 to 15,000 pages	3,000 to 15,000 pages	3,000 to 15,000 pages
Duty cycle	Up to 225,000 pages	Up to 225,000 pages	Up to 225,000 pages

Easy to use and maintain,  
this printer is also easy on  
the environment.

## Eco Highlights

HP LaserJet P4015 Printer

- Instant-On Technology – up to 50% energy savings<sup>1</sup>
- Advanced toner technology enables more energy efficient printing<sup>2</sup>
- Cut paper consumption by 25% with optional automatic two-sided printing
- Designed for recyclability and supports 100% recycled paper

- ENERGY STAR<sup>®</sup> Qualified
- HP LaserJet P4015x



HP Recycling Services make it easy to recycle computer hardware and printing supplies responsibly. HP's goal is to recover 2 billion pounds (900,000 tonnes) of electronic products and supplies by the end of 2010.



Visit [www.hp.com/go/ecohighlights](http://www.hp.com/go/ecohighlights)

<sup>1</sup> Compared to products that use traditional fusing.

<sup>2</sup> HP LaserJet P4015 uses approximately 14% less energy - based on ENERGY STAR TEC (Total Energy Consumption)/pages per minute - compared to prior generation, HP LaserJet 4250.



Get the most out of your printer with  
HP accessories, supplies, and services.



### CB524A

Make business mailing simple and efficient with the HP LaserJet 75-sheet Envelope Feeder.



### CB522A

Enjoy hassle-free, unattended printing with HP LaserJet 500-sheet Stapler/Stacker.

## HP Support Services

### Minimize the cost of downtime

Because printer downtime can have serious business consequences, HP provides high-quality services that extend beyond the standard warranty and help you avoid unbudgeted repair costs.

**Benefits** include reduced printing and infrastructure costs, maximized uptime, expert technical phone support and delivery services, and predictable and consistent service delivery across multiple locations.

Choose:

- **Installation Service with Network Configuration:** expert assembly of HP accessories, hardware verification, network configuration, and basic administrator familiarization
- **Same Day Onsite Service:** technician arrives at your site within four hours after service call is received, if this time falls within the coverage window
- **Next Day Onsite Service:** technician-delivered onsite service the next business day after the service call

Any of the above options can be purchased as:

- **HP Care Pack Services:** easy-to-buy, easy-to-use support packages
- **HP Contractual Services:** a comprehensive portfolio for maintaining maximum IT availability

HP also offers **Managed Print Services:** a solution scalable from imaging and printing devices and toner cartridges, to installation, management, maintenance, and support

For more information visit: [www.hp.com/go/printservices](http://www.hp.com/go/printservices).

### Print cartridges with HP Smart Printing Technology<sup>4</sup>

- HP LaserJet Black Print Cartridge (10,000 pages)
- HP LaserJet Black Print Cartridge (24,000 pages)

CC364A  
CC364X

### Paper handling

- HP LaserJet 500-sheet Input Tray and Feeder
- HP LaserJet 1,500-sheet High Capacity Input Tray
- HP LaserJet 75-sheet Envelope Feeder
- HP LaserJet Automatic Duplexer for Two-sided Printing
- HP LaserJet 500-sheet 5-Bin Mailbox
- HP LaserJet 500-sheet Stacker
- HP LaserJet 500-sheet Stapler/Stacker

CB518A  
CB523A  
CB524A  
CB519A  
CB520A  
CB521A  
CB522A

### Accessories and supplies

- HP LaserJet Printer Stand
- HP LaserJet 1,000 Staple Cartridge Pack (3 cartridges by 1,000)
- HP LaserJet Printer Maintenance Kit (110V)
- HP LaserJet Printer Maintenance Kit (220V)

CB525A  
Q3216A  
CB388A  
CB389A

### Memory/storage

- HP 64 MB DDR2 144-pin x32
- HP 128 MB DDR2 144-pin x32
- HP 256 MB DDR2 144-pin x32
- HP 512 MB DDR2 144-pin x32
- HP High Performance Serial ATA Hard Disk

CC413A  
CC414A  
CC415A  
CE483A  
J7989G

### Connectivity

- HP Jetdirect 620n Fast Ethernet Print Server
- HP Jetdirect 630n IPv6 Gigabit Ethernet Print Server
- HP Jetdirect 635n IPv6/IPSec Internal Print Server
- HP Jetdirect 690n Wireless Print Server
- HP Jetdirect en3700 Fast Ethernet Print Server
- HP Jetdirect en1700 IPv4/IPv6 Print Server
- HP Jetdirect ew2400 802.11g Wireless Print Server
- HP 1284B Parallel Card

J7934G  
J7997G  
J7961G  
J8007G  
J7942G  
J7988G  
J7951G  
J7972G

For more information, visit [www.hp.com/go/jetdirect](http://www.hp.com/go/jetdirect)

### Service and support

- HP 3-year, Next Business Day Onsite Service
  - HP 3-year, Next Business Day Exchange Service
  - HP Onsite Installation and Network Configuration
  - HP 1-year, Post-warranty, Next Business Day Onsite Service
  - HP 1-year, Post-warranty, Next Business Day Exchange Service
  - HP 1-year, Post-warranty Service, Phone and Online Assistance
- For more information, visit [www.hp.com/services/printer](http://www.hp.com/services/printer)

H5479E  
U2889E  
UC742E  
H2664PE  
U6403PE  
HC128PE

### Paper

[www.hp.com/go/paper](http://www.hp.com/go/paper)

### Solutions

[www.hp.com/go/gsc](http://www.hp.com/go/gsc)

<sup>4</sup> Declared yield values in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnabouteprinters](http://www.hp.com/go/learnabouteprinters).

# HP LaserJet P4015 Printer series

Technical specifications	HP LaserJet P4015n Printer (CB509A)	HP LaserJet P4015m Printer (CB510A)	HP LaserJet P4015x Printer (CB511A)																								
<b>Print speed<sup>5</sup></b>	Up to 52 ppm, letter																										
<b>Document delivery speed</b>	First page out: as fast as 8.5 sec from Ready mode; Time To Completion for a typical office print job: as fast as 16.5 seconds <sup>6</sup>																										
<b>Print resolution</b>	Up to 1200 by 1200 dpi; HP REt, HP 300 dpi, HP 600 dpi, HP FastRes 1200, HP ProRes 1200																										
<b>Processor</b>	540 MHz																										
<b>Memory</b>	128 MB, expandable to 640 MB via one open 144-pin 32 bit DDR2 DIMM slot																										
<b>Durability ratings</b>	Recommended monthly volume: 3,000 to 15,000 pages; <sup>7</sup> Duty cycle: up to 225,000 pages <sup>8</sup>																										
<b>Paper</b>	<table border="1"> <tr> <td>Input</td> <td>100-sheet multipurpose tray 1, 500-sheet tray 2</td> <td colspan="2">100-sheet multipurpose tray 1, 500-sheet tray 2, 500-sheet tray 3</td> </tr> <tr> <td>Output</td> <td colspan="3">100-sheet rear output bin, 500-sheet top output bin</td> </tr> <tr> <td>Two-sided printing</td> <td colspan="2">Manual (optional accessory available for automatic two-sided printing)</td> <td>Automatic</td> </tr> <tr> <td>Sizes</td> <td colspan="3">                     Multipurpose tray 1: letter, legal, executive, statement, 8.5 by 13.0 in, envelope (Com 10, Monarch No. 7 3/4); custom: 3.0 by 5.0 in to 8.5 by 14.0 in                      Input trays 2 and 3: letter, legal, executive, statement, 8.5 by 13.0 in; custom: 5.8 by 8.3 in to 8.5 by 14.0 in                      Automatic duplexer for two-sided printing: letter, legal, executive; custom: 5.8 by 8.3 in to 8.5 by 14.0 in                      Optional 500-sheet 5-bin mailbox: letter, legal, executive, statement, 8.5 by 13.0 in; custom: 5.8 by 8.3 in to 8.5 by 14.0 in                 </td> </tr> <tr> <td>Weights</td> <td colspan="3">                     Multipurpose tray 1: 16 to 53 lb                      Input trays 2 and 3, optional 500-sheet feeder, optional high-capacity input tray, automatic duplexer for two-sided printing: 16 to 32 lb                      Optional envelope feeder: 20 to 28 lb                 </td> </tr> <tr> <td>Types</td> <td colspan="3">Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, user-defined</td> </tr> </table>			Input	100-sheet multipurpose tray 1, 500-sheet tray 2	100-sheet multipurpose tray 1, 500-sheet tray 2, 500-sheet tray 3		Output	100-sheet rear output bin, 500-sheet top output bin			Two-sided printing	Manual (optional accessory available for automatic two-sided printing)		Automatic	Sizes	Multipurpose tray 1: letter, legal, executive, statement, 8.5 by 13.0 in, envelope (Com 10, Monarch No. 7 3/4); custom: 3.0 by 5.0 in to 8.5 by 14.0 in Input trays 2 and 3: letter, legal, executive, statement, 8.5 by 13.0 in; custom: 5.8 by 8.3 in to 8.5 by 14.0 in Automatic duplexer for two-sided printing: letter, legal, executive; custom: 5.8 by 8.3 in to 8.5 by 14.0 in Optional 500-sheet 5-bin mailbox: letter, legal, executive, statement, 8.5 by 13.0 in; custom: 5.8 by 8.3 in to 8.5 by 14.0 in			Weights	Multipurpose tray 1: 16 to 53 lb Input trays 2 and 3, optional 500-sheet feeder, optional high-capacity input tray, automatic duplexer for two-sided printing: 16 to 32 lb Optional envelope feeder: 20 to 28 lb			Types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, user-defined		
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Types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, user-defined																										
<b>Connectivity</b>	1 Hi-Speed USB 2.0, 1 EIO slot, 1 external and 2 internal Host USB 2.0-like ports for third-party connection, HP Jetdirect Gigabit Ethernet embedded print server																										
<b>Languages</b>	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF (v1.4) printing (192 MB printer memory recommended)																										
<b>Fonts</b>	80 HP font set (plus Greek, Hebrew, Cyrillic, Arabic)																										
<b>Client operating systems</b>	Windows® 2000; Windows XP® Home; Windows XP Professional; Windows Server 2003, Certified for Windows Vista®; Mac OS X v10.2.8, v10.3, v10.4, v10.5, and later																										
<b>Network operating systems</b>	Via an HP Jetdirect print server: Microsoft Windows 2000, Server 2003, XP, Vista, 2003 64-bit, XP 64-bit, Vista 64-bit (For Microsoft IPv6 compatible with Windows 2003, XP, and Vista); Novell 5.1 and later; Mac OS X v10.2.8, v10.3, v10.4, v10.5, and later; Red Hat Linux 7.x and later; SuSE Linux 8.x and later; HP-UX 10.20, 11.x, 11.i; Solaris 2.5 and later (SPARC systems only); IBM AIX 3.2.5 and later 1; MPE-iX; Citrix MetaFrame Server; Windows Terminal Services																										
<b>Network protocols</b>	Supported via an HP Jetdirect print server: IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 and later), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, TFTP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: IPX/SPX, AppleTalk, NetWare NDS, Bindery, NDPS, iPrint																										
<b>Security</b>	Management security: SNMPv3, SSL/TLS (HTTPS), 802.1X authentication (EAP-PEAP, EAP-TLS), IPsec/Firewall with Kerberos, Certificate, and PreShared Key Authentication; Wireless network security (Requires HP Jetdirect 690n Wireless Print Server): 802.1X (EAP-PEAP, EAP-TLS), WPA, WPA2 authentication, AES, TKIP, WEP (40/64- and 128-bit) encryption																										
<b>Dimensions (w by d by h)</b>	16.5 by 17.7 by 15.5 in	16.5 by 17.7 by 21.5 in	16.5 by 20 by 21.5 in																								
<b>Weight (includes print cartridge)</b>	56.92 lb	71.58 lb	77.42 lb																								
<b>What's in the box</b>	Printer, right-angled power cord, control panel overlay, software and documentation on CD-ROM, print cartridge, <sup>9</sup> Getting Started Guide, support flyer																										
<b>Also includes</b>		500-sheet input tray 3	500-sheet input tray 3, automatic duplexer for two-sided printing																								
<b>Warranty</b>	One-year, return to HP authorized service center, limited warranty																										
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Sound power <sup>10</sup>	Maximum: 7.2 B(A)	Ready: 4.1 B(A)	EMC																								
Bystander sound pressure	Active: 58 dB(A)	Ready: 27 dB(A)																									
<b>Power specifications</b>	<table border="1"> <tr> <td>Required input voltage</td> <td colspan="3">100 to 127 V (±10 percent), 50/60 Hz (±3 Hz) 220 to 240 V (±10 percent), 50/60 Hz (±3 Hz)</td> </tr> <tr> <td>Power consumption<sup>11</sup></td> <td>Active: 840 watts</td> <td>Sleep: 12 watts</td> <td rowspan="2">HP SureSupply enabled. To learn more, visit <a href="http://www.hp.com/learn/suresupply">www.hp.com/learn/suresupply</a></td> </tr> <tr> <td></td> <td>Ready: 18 watts</td> <td>Off: 0 watts</td> </tr> </table>			Required input voltage	100 to 127 V (±10 percent), 50/60 Hz (±3 Hz) 220 to 240 V (±10 percent), 50/60 Hz (±3 Hz)			Power consumption <sup>11</sup>	Active: 840 watts	Sleep: 12 watts	HP SureSupply enabled. To learn more, visit <a href="http://www.hp.com/learn/suresupply">www.hp.com/learn/suresupply</a>		Ready: 18 watts	Off: 0 watts													
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	Ready: 18 watts	Off: 0 watts																									

<sup>5</sup> Exact speed varies depending on system configuration, software application, driver, and document complexity.

<sup>6</sup> An InfoTrends study shows the typical office print job is three to five pages long: [www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf](http://www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf). Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

<sup>7</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

<sup>8</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs.

<sup>9</sup> Average continuous black cartridge yield 10,000 standard pages. Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsplies](http://www.hp.com/go/learnaboutsplies).

<sup>10</sup> Measured per ISO 7779 and declared per ISO 9296; values subject to change. For current information see [www.hp.com/support](http://www.hp.com/support). Configuration tested: HP LaserJet P4015x.

<sup>11</sup> Values subject to change. See [www.hp.com/support](http://www.hp.com/support) for current information. Power numbers are the highest values measured using all standard voltages.



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## HP LaserJet P4515 Printer series

P4515n • P4515tn • P4515x \$1,599.99 \$184.99 \$2,129.99



### Enhance workgroup productivity with HP's fastest single-function black-and-white printer.

#### Lightning-fast performer

Experience legendary reliability and consistent print quality at incredible speeds of up to 62 pages per minute (ppm)—the latest advancements in HP toner technology make it possible. Start fast and finish sooner: Time To Completion (TTC) of a typical office print job can be nearly twice as fast with Instant-on Technology.<sup>1</sup> Built-in Gigabit networking lets you share the printer across large workgroups with ease.

#### Secure, robust productivity

In addition to supporting standard security protocols and optional third-party security solutions, the printer includes industry-leading security capabilities. Get fast, secure performance across your network with advanced IPsec encryption, prevent unauthorized access with management features like 802.1X authentication and password protection, and guard sensitive information with support for private printing. Just press the **Folder** button to view your stored jobs, enter a PIN, and print your documents.

<sup>1</sup> Instant-on Technology uses cutting-edge fuser technology to produce the first page faster when a printer is coming out of low power mode so your print job is done sooner. An InfoTrends study shows the typical office print job is three to five pages long:

[www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf](http://www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf). Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

<sup>2</sup> Find more information and download HP Web Jetadmin free at [www.hp.com/go/webjetadmin](http://www.hp.com/go/webjetadmin).

<sup>3</sup> To download the free HP Universal Print Driver Series for Windows, visit [www.hp.com/go/upd](http://www.hp.com/go/upd).

#### Flexible and expandable

Upgrade your printer as business needs change. This versatile printer accommodates a variety of media types and sizes, and lets you expand paper handling and finishing capabilities with an optional two-sided printing accessory, additional 500-sheet or 1,500-sheet input trays, an envelope feeder, a 5-bin mailbox, stacker, or stapler/stacker accessory. You can also select either regular or high-capacity print cartridges to meet your specific business needs.

Improve performance and increase storage capacity with an optional EIO hard disk. The printer also supports optional Jetdirect and third-party solutions via the EIO slot and Host USB 2.0-like ports.

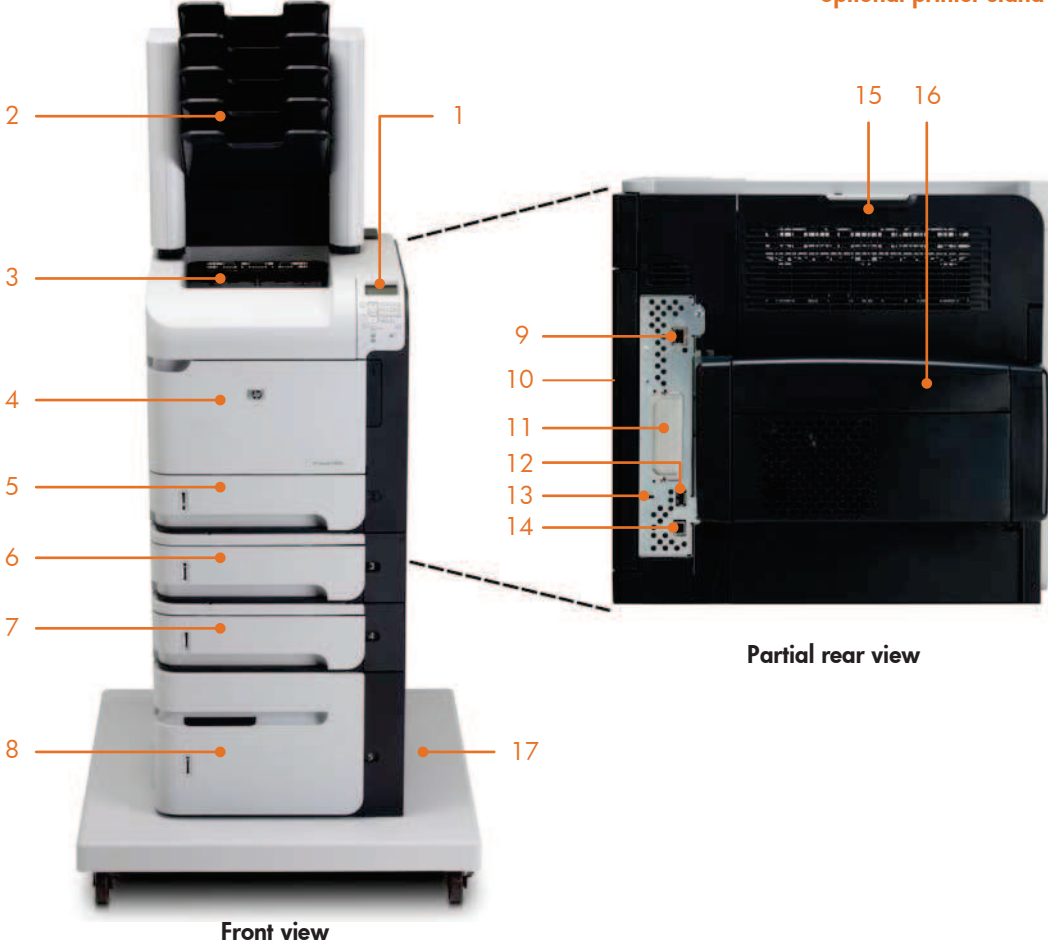
#### Hassle-free management

Simplify fleet management tasks and reduce IT costs with HP Web Jetadmin.<sup>2</sup> This powerful tool makes it easy to install, monitor, secure, and troubleshoot a wide range of network-connected peripherals from an intuitive browser interface. Use a single driver—the HP Universal Print Driver communicates directly with each HP device on your network and customizes the user interface to show the available features.<sup>3</sup>

# HP LaserJet P4515 Printer series

- 1 Control panel simultaneously displays up to four lines of text and animated graphics and features a built-in 10-key pad
- 2 Optional 500-sheet 5-bin mailbox with sorting capability
- 3 500-sheet top output bin
- 4 Adjustable 100-sheet multipurpose input tray 1 for special media
- 5 500-sheet input tray 2
- 6 500-sheet input tray 3
- 7 Optional 500-sheet input tray 4
- 8 Optional 1,500-sheet high capacity input tray
- 9 HP Jetdirect Gigabit Ethernet embedded print server with IPSec
- 10 A powerful 540 MHz processor and 128 MB of standard printing memory, expandable up to 640 MB
- 11 EIO expansion slot supports an optional parallel card, hard disk, or Jetdirect print server
- 12 One external and two internal Host USB 2.0-like ports for third-party connections
- 13 Security lock slot
- 14 Hi-Speed USB 2.0 port provides simple connections for direct printing
- 15 100-sheet rear output bin
- 16 Duplexer for automatic two-sided printing
- 17 Optional printer stand enables printer mobility

HP LaserJet P4515x Printer shown with optional 500-sheet 5-bin mailbox, 500-sheet input tray 4, optional 1,500-sheet high capacity input tray, and optional printer stand



## Series at a glance



	P4515n	P4515tn	P4515x
Part number	CB514A	CB515A	CB516A
HP Jetdirect Gigabit Ethernet embedded print server with IPSec	✓	✓	✓
100-sheet multipurpose tray 1	✓	✓	✓
500-sheet tray 2	✓	✓	✓
500-sheet tray 3	Optional	✓	✓
Automatic two-sided printing	Optional	Optional	✓
Memory	128 MB	128 MB	128 MB
Recommended monthly print volume	5,000 to 20,000 pages	5,000 to 20,000 pages	5,000 to 20,000 pages
Duty cycle	Up to 275,000 pages	Up to 275,000 pages	Up to 275,000 pages

Easy to use and maintain, this printer is also easy on the environment.


## Eco Highlights

HP LaserJet P4515 Printer

- Instant-On Technology – up to 50% energy savings<sup>1</sup>
- Advanced toner technology enables more energy efficient printing<sup>2</sup>
- Cut paper consumption by 25% with optional automatic two-sided printing
- Designed for recyclability and supports 100% recycled paper


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- ENERGY STAR<sup>®</sup> Qualified
- HP LaserJet P4515x





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HP Recycling Services make it easy to recycle computer hardware and printing supplies responsibly. HP's goal is to recover 2 billion pounds (900,000 tonnes) of electronic products and supplies by the end of 2010.



Visit [www.hp.com/go/ecohighlights](http://www.hp.com/go/ecohighlights)

<sup>1</sup> Compared to products that use traditional fusing.  
<sup>2</sup> HP LaserJet P4515 uses approximately 10% less energy - based on ENERGY STAR TEC (Total Energy Consumption)/pages per minute - compared to prior generation, HP LaserJet 4350.



Get the most out of your printer with HP accessories, supplies, and services.



**CB524A**  
 Make business mailing simple and efficient with the HP LaserJet 75 sheet Envelope Feeder.



**CB522A**  
 Enjoy hassle-free, unattended printing with HP LaserJet 500-sheet Stapler/Stacker.

### HP Support Services

#### Minimize the cost of downtime

Because printer downtime can have serious business consequences, HP provides high-quality services that extend beyond the standard warranty and help you avoid unbudgeted repair costs.

**Benefits** include reduced printing and infrastructure costs, maximized uptime, expert technical phone support and delivery services, and predictable and consistent service delivery across multiple locations.

Choose:

- **Installation Service with Network Configuration:** expert assembly of HP accessories, hardware verification, network configuration, and basic administrator familiarization
- **Same Day Onsite Service:** technician arrives at your site within four hours after service call is received, if this time falls within the coverage window
- **Next Day Onsite Service:** technician-delivered onsite service the next business day after the service call

Any of the above options can be purchased as:

- **HP Care Pack Services:** easy-to-buy, easy-to-use support packages
- **HP Contractual Services:** a comprehensive portfolio for maintaining maximum IT availability

HP also offers **Managed Print Services:** a solution scalable from imaging and printing devices and toner cartridges, to installation, management, maintenance, and support

For more information visit: [www.hp.com/go/printservices](http://www.hp.com/go/printservices).

#### Print cartridges with HP Smart Printing Technology<sup>4</sup>

- HP LaserJet Black Print Cartridge (10,000 pages)
- HP LaserJet Black Print Cartridge (24,000 pages)

**CC364A**  
**CC364X**

#### Paper handling

- HP LaserJet 500-sheet Input Tray and Feeder
- HP LaserJet 1,500-sheet High Capacity Input Tray
- HP LaserJet 75-sheet Envelope Feeder
- HP LaserJet Automatic Duplexer for Two-sided Printing
- HP LaserJet 500-sheet 5-Bin Mailbox
- HP LaserJet 500-sheet Stacker
- HP LaserJet 500-sheet Stapler/Stacker

- CB518A
- CB523A
- CB524A
- CB519A
- CB520A
- CB521A
- CB522A

#### Accessories and supplies

- HP LaserJet Printer Stand
- HP LaserJet 1,000 Staple Cartridge Pack (3 cartridges by 1,000)
- HP LaserJet Printer Maintenance Kit (110V)

- CB525A
- Q3216A
- CB388A

#### Memory/storage

- HP 64 MB DDR2 144-pin x32
- HP 128 MB DDR2 144-pin x32
- HP 256 MB DDR2 144-pin x32
- HP 512 MB DDR2 144-pin x32
- HP High Performance Serial ATA Hard Disk

- CC413A
- CC414A
- CC415A
- CE483A
- J7989G

#### Connectivity

- HP Jetdirect 620n Fast Ethernet Print Server
- HP Jetdirect 630n IPv6 Gigabit Ethernet Print Server
- HP Jetdirect 635n IPv6/IPSec Internal Print Server
- HP Jetdirect 690n Wireless Print Server
- HP Jetdirect en3700 Fast Ethernet Print Server
- HP Jetdirect en1700 IPv4/IPv6 Print Server
- HP Jetdirect ew2400 802.11g Wireless Print Server
- HP 1284B Parallel Card

- J7934G
- J7997G
- J7961G
- J8007G
- J7942G
- J7988G
- J7951G
- J7972G

For more information, visit [www.hp.com/go/jetdirect](http://www.hp.com/go/jetdirect)

#### Service and support

- HP 3-year, Next Business Day Onsite Service
- HP 3-year, 4-hour, 13x5 Same Day Onsite Service
- HP Onsite Installation and Network Configuration
- HP Maintenance Kit Replacement Service, Fuser
- HP 1-year, Post-warranty, Next Business Day Onsite Service
- HP 1-year, Post-warranty, 4-hour, 13x5 Same Day Onsite Service
- HP 1-year, Post-warranty Service, Phone and Online Assistance

- UJ516E
- UJ522E
- UC742E
- UJ986E
- UJ525PE
- UJ527PE
- HC128PE

For more information, visit [www.hp.com/services/printer](http://www.hp.com/services/printer)

#### Paper

[www.hp.com/go/paper](http://www.hp.com/go/paper)

#### Solutions

[www.hp.com/go/qsc](http://www.hp.com/go/qsc)

<sup>4</sup> Declared yield values in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

# HP LaserJet P4515 Printer series

Technical specifications	HP LaserJet P4515n Printer (CB514A)	HP LaserJet P4515m Printer (CB515A)	HP LaserJet P4515x Printer (CB516A)
<b>Print speed<sup>5</sup></b>	Up to 62 ppm, letter		
<b>Document delivery speed</b>	First page out: as fast as 8.5 seconds from Ready mode; Time To Completion for a typical office print job: as fast as 15.5 seconds, letter <sup>6</sup>		
<b>Print resolution</b>	Up to 1200 by 1200 dpi; HP REt, HP 300 dpi, HP 600 dpi, HP FastRes 1200, HP ProRes 1200		
<b>Processor</b>	540 MHz		
<b>Memory</b>	128 MB, expandable to 640 MB via one open 144-pin 32 bit DDR2 DIMM slot		
<b>Durability ratings</b>	Recommended monthly volume: 5,000 to 20,000 pages, <sup>7</sup> Duty cycle: up to 275,000 pages <sup>8</sup>		
<b>Paper</b>			
Input	100-sheet multipurpose tray 1, 500-sheet tray 2	100-sheet multipurpose tray 1, 500-sheet tray 2, 500-sheet tray 3	
Output	100-sheet rear output bin, 500-sheet top output bin		
Two-sided printing	Manual (optional accessory available for automatic two-sided printing)	Automatic	
Sizes	Multipurpose tray 1: letter, legal, executive, statement, 8.5 by 13.0 in, envelope (Com No. 7 3/4); custom: 3.0 by 5.0 in to 8.5 by 14.0 in Input trays 2 and 3: letter, legal, executive, statement, 8.5 by 13.0 in; custom: 5.8 by 8.3 in to 8.5 by 14.0 in Automatic duplexer for two-sided printing: letter, legal, executive; custom: 5.8 by 8.3 in to 8.5 by 14.0 in Optional 500-sheet 5-bin mailbox: letter, legal, executive, statement, 8.5 by 13.0 in; custom: 5.8 by 8.3 in to 8.5 by 14.0 in		
Weights	Multipurpose tray 1: 16 to 53 lb Input trays 2 and 3, optional 500-sheet feeder, optional high-capacity input tray, automatic duplexer for two-sided printing: 16 to 32 lb Optional envelope feeder: 20 to 28 lb		
Types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, user-defined		
<b>Connectivity</b>			
Interfaces	1 Hi-Speed USB 2.0, 1 EIO slot, 1 external and 2 internal Host USB 2.0-like ports for third-party connection, HP Jetdirect Gigabit Ethernet embedded print server		
Languages	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF (v1.4) printing (192 MB printer memory recommended)		
Fonts	80 HP font set (plus Greek, Hebrew, Cyrillic, Arabic)		
Client operating systems	Windows® 2000; Windows XP® Home; Windows XP Professional; Windows Server 2003; Certified for Windows Vista®; Mac OS X v10.2.8, v10.3, v10.4, v10.5, and later		
Network operating systems	Via an HP Jetdirect print server: Microsoft Windows 2000, Server 2003, XP, Vista, 2003 64-bit, XP 64-bit, Vista 64-bit (For Microsoft IPv6 compatible with Windows 2003, XP, and Vista); Novell 5.1 and later; Mac OS X v10.2.8, v10.3, v10.4, v10.5, and later; Red Hat Linux 7.x and later; SuSE Linux 8.x and later; HP-UX 10.20, 11.x, 11.i; Solaris 2.5 and later (SPARC systems only); IBM AIX 3.2.5 and later 1; MPE-iX; Citrix MetaFrame Server; Windows Terminal Services		
Network protocols	Supported via an HP Jetdirect print server: IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 and later), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, TFTP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: IPX/SPX, AppleTalk, NetWare NDS, Bindery, NDPS, iPrint		
Security	Management security: SNMPv3, SSL/TLS (HTTPS), 802.1X authentication (EAP-PEAP, EAP-TLS), IPsec/Firewall with Kerberos, Certificate, and PreShared Key Authentication; Wireless network security (Requires HP Jetdirect 690n Wireless Print Server): 802.1X (EAP-PEAP, EAP-TLS), WPA, WPA2 authentication, AES, TKIP, WEP (40/64- and 128-bit) encryption		
<b>Dimensions (w by d by h)</b>	16.5 by 17.7 by 15.5 in	16.5 by 17.7 by 21.5 in	16.5 by 20 by 21.5 in
<b>Weight (includes print cartridge)</b>	56.92 lb	71.58 lb	77.42 lb
<b>What's in the box</b>	Printer, right-angled power cord, control panel overlay, software and documentation on CD-ROM, print cartridge, <sup>9</sup> Getting Started Guide, support flyer		
Also includes		500-sheet input tray 3	500-sheet input tray 3, automatic duplexer for two-sided printing
<b>Warranty</b>	One-year, next day, on-site limited warranty backed by HP Customer Care, service and support; one year technical phone support.		
<b>Environmental ranges</b>	Typical Electricity Consumption (TEC): 5.049 kWh/Week ENERGY STAR® qualified models, see <a href="http://www.hp.com/go/energystar">www.hp.com/go/energystar</a>		
Recommended temperature	50 to 90 degrees F		
Storage temperature	32 to 95 degrees F		
Recommended relative humidity	10 to 80 percent		
Storage relative humidity	10 to 95 percent		
Altitude	Up to 10,000 ft		
<b>Acoustics<sup>10</sup></b>			
Sound power	Active: 7.4 B(A)	Ready: 4.8 B(A)	
Bystander sound pressure	Active: 60 dB(A)	Standby: 31 dB(A)	
<b>Power specifications</b>			
Required input voltage	100 to 127 V (±10 percent), 50/60 Hz (±3 Hz)		
Power consumption <sup>11</sup>	Active: 910 watts	Sleep: 12 watts	
	Ready: 20 watts	Off: 0 watts	HP SureSupply enabled. To learn more, visit <a href="http://www.hp.com/learn/suresupply">www.hp.com/learn/suresupply</a>

<sup>5</sup> Exact speed varies depending on system configuration, software application, driver, and document complexity.

<sup>6</sup> An InfoTrends study shows the typical office print job is three to five pages long: [www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf](http://www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf). Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

<sup>7</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

<sup>8</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs.

<sup>9</sup> Average continuous black cartridge yield 10,000 standard pages. Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

<sup>10</sup> Measured per ISO 7779 and declared per ISO 9296; values subject to change. For current information see [www.hp.com/support](http://www.hp.com/support). Configuration tested: LaserJet P4515x.

<sup>11</sup> Values subject to change. See [www.hp.com/support](http://www.hp.com/support) for current information. Power numbers are the highest values measured using all standard voltages.



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# HP LaserJet 5200 series printer

5200 • 5200tn • 5200dtn

!!! \$2,139.99 \$2,539.99



Designed to deliver efficiency and versatility, this ultra-powerful, wide-format tabloid laser printer is flexible and easily manageable to meet the needs of business workteams.

## Power-packed performance

- **Work quickly and efficiently.** The HP LaserJet 5200 series printer boosts the productivity of your employees with fast print speeds up to 35 pages per minute (ppm) letter. Instant-on Technology delivers a quick first page.
- **Enjoy fast, worry-free printing.** Complex print jobs are a snap for this printer, with a 460 MHz processor and expandable memory options—up to 512 MB RAM.
- **Rely on easy, industry-leading networking.** Increase the efficiency of your workteams, who won't even know they are sharing the printer. HP Jetdirect print servers deliver high performance, broad compatibility, and proven reliability. Add the printer to your network via the HP Jetdirect Fast Ethernet embedded print server, or connect directly to your computer with the parallel or Hi-Speed USB 2.0 port.<sup>1</sup>
- **Expect outstanding black-and-white output.** HP LaserJet print cartridge technology produces clear, sharp text characters, smooth grayscales, and deep blacks. When you need the highest resolution possible, HP ProRes 1200 provides 1200 by 1200 dpi (dots per inch) at full engine speed.

## Versatility and expandability

- **Increase your options with Compact Flash support.** Use the two dedicated Compact Flash slots to enable third-party solutions and take advantage of more font choices, barcode printing, secure check printing, PDF direct printing, job accounting, intelligent e-forms, and SAP/ERP solutions.
- **Easily produce specialized materials.** The printer's tabloid capabilities expand your printable area, making it perfectly suited for marketing proofs, architectural plans, or financial ledgers and spreadsheets.

- **Boost performance.** The printer is designed to meet your needs today and tomorrow, with an open EIO slot that allows you to add productivity-enhancing options, such as IPv6/IPsec Gigabit networking or the HP high-performance EIO hard disk.
- **Accommodate your workteam with flexible paper handling.** The printer handles a wide range of paper sizes, types, and weights, including envelopes, labels, transparencies, letterhead, prepunched paper, colored paper, rough paper, and card stock. An optional 500-sheet input tray<sup>1</sup> expands the printer's maximum input capacity to 850 sheets, meaning fewer interruptions to your work. An optional two-sided printing unit lets you print more efficiently.<sup>1</sup>

## Effortless management

- **Rest easy with intuitive printer management tools.** Spend more time on your job and less on your printer, with HP Web Jetadmin peripheral management software. With HP Easy Printer Care Software, you can monitor the status of up to 15 printers and their supplies. Both HP Easy Printer Care and HP Web Jetadmin provide the ability to consolidate your supplies ordering via HP SureSupply<sup>2</sup> with the click of a button. HP backs you up with HP Instant Support online and HP Software Update.
- **Experience the simplicity of HP LaserJet print cartridge design.** With the genuine HP LaserJet print cartridge with HP Smart printing technology,<sup>3</sup> the printer delivers HP's legendary quality and reliability. The HP all-in-one print cartridge incorporates HP toner and the imaging drum in one supply. Print cartridge installation and replacement is easy and convenient.

HP printing and imaging systems help you create powerful, professional communications easily. HP printers, supplies, accessories, and services are designed to work together and are invented to meet your business needs.

<sup>1</sup> Standard and available features vary according to model. For more information, see "Series at a glance" on page 2.

<sup>2</sup> For more information, visit [www.hp.com/go/SureSupply](http://www.hp.com/go/SureSupply).

<sup>3</sup> Using genuine HP supplies ensures availability of all HP printing features.

HP LaserJet 5200dtn printer shown

- 1 250-sheet output bin
- 2 Adjustable 100-sheet multipurpose tray for special media, including tabloid sizes
- 3 250-sheet input tray 2, up to tabloid sizes
- 4 500-sheet input tray 3, up to tabloid sizes
- 5 128 MB of standard printing memory and a powerful 460 MHz processor
- 6 One open EIO slot
- 7 HP Jetdirect Fast Ethernet embedded print server
- 8 IEEE 1284 parallel port
- 9 Hi-Speed USB 2.0 port
- 10 Intuitive control panel displays two lines of text
- 11 Automatic two-sided printing unit increases efficiency



## Series at a glance



**HP LaserJet 5200 printer**

- 100-sheet multipurpose tray and 250-sheet input tray 2
- 48 MB RAM
- Hi-Speed USB 2.0 port
- IEEE 1284 parallel port
- One open EIO slot
- HP LaserJet Black Print Cartridge with Smart Printing Technology (average cartridge yield 12,000 standard pages)



**HP LaserJet 5200tn printer**

- Base model, plus:
- HP Jetdirect Fast Ethernet embedded print server
  - 16 MB additional RAM (64 MB RAM total)
  - 500-sheet input tray 3



**HP LaserJet 5200dtn printer**

- Base model, plus:
- HP Jetdirect Fast Ethernet embedded print server
  - 80 MB additional RAM (128 MB RAM total)
  - 500-sheet input tray 3
  - Automatic two-sided printing unit

Create professional, wide-format documents. With HP Smart printing technology, the printer's supplies are engineered to provide consistently sharp black-and-white text and graphics.

### Setting the standard for laser printing

When you think of fast, reliable laser printing for your business, you think HP. The HP LaserJet 5200 series printer is the new benchmark for the printing industry.

Capitalizing on our legendary imaging heritage, this workteam printer sets the standard for dependable printing, fast print speeds, advanced networking features,<sup>4</sup> and brilliant print quality—enabling your office to operate at peak efficiency. For best-in-class quality, reliability, and performance, HP is the only choice.

### Intelligent, flexible printing

Designed with workteams of 2 to 10 users in mind, the printer is simple to install, use, and maintain.

- Virtually eliminate printer downtime when you use genuine HP print cartridges with Smart printing technology, which enables status monitoring, proactive alert messages, on-line supplies ordering, and consistent print quality.<sup>5</sup>
- Get complete, timely information about the printer and print jobs. Designed for quick and easy troubleshooting and configuration, the intuitive control panel displays up to two lines of text. The control panel's "Show Me How" feature allows you to print a hard copy of self help topics such as loading paper, clearing jams, supported paper, loading special media, two-sided printing, and where to find more help.
- The new Wake Time feature improves printer availability. Once you enter the date and time in the control panel, the printer can be automatically configured to wake up from sleep mode so that it is ready to work when you are.

### HP printer management tools

- View printer and supplies status, perform simple troubleshooting, and manage printing functions for an individual printer from your computer, rather than the printer control panel, with the print driver Services tab (for end users) or with the HP Embedded Web Server (for IT professionals).
- Install, configure, update, and remotely manage groups of printers from a single access point with HP Web Jetadmin (for IT professionals) or HP Easy Printer Care Software (for end users and office managers). HP Easy Printer Care allows you to manage up to 15 networked printers and consolidate all your supplies orders into a single order, which can be placed via the HP SureSupply ordering site. HP Easy Printer Care Software and HP Web Jetadmin are available as free downloads from [www.hp.com](http://www.hp.com).
- The HP Universal Print Driver Series for Windows lets you employ one print driver that gives end-users basic access to most HP printers via HP PCL 5 or HP postscript emulation driver versions. IT administrators can use HP Managed Printer Lists and Managed Print Policies to improve control, increase security, and manage printing more effectively. (The HP Universal Print Driver Series for Windows is available as a free download from [www.hp.com/go/upd](http://www.hp.com/go/upd).)

### Award-winning HP support

HP's expert knowledge can help you make the most of your printer and ensure your equipment is running at peak efficiency. Start with a one-year, return-to-HP limited warranty, backed by free telephone support from the award-winning HP Customer Care. To further guarantee trouble-free operation and maximize your printer's potential, consider upgrading with service and support options such as installation, network installation, and post-warranty support.

## Accessories



500-sheet input tray

Expand the input capacity of the HP LaserJet 5200 printer to a maximum of 850 sheets, by installing the optional 500-sheet tray 3 (standard on 5200tn and 5200dtn models).



Automatic two-sided printing unit

Print professional documents and save time with the automatic two-sided printing unit (standard on the 5200dtn model).



HP Jetdirect internal print server

Increase efficiency and security by installing the HP Jetdirect 635n IPv6/IPsec and Gigabit Ethernet internal print server in the available EIO slot.



HP Jetdirect wireless external print server

Enable wireless connectivity with the HP Jetdirect ew2400 802.11b wireless and Fast Ethernet external print server connected via the Hi-Speed USB port.



HP high-performance EIO hard disk

Maximize the printer's flexibility by installing the HP high-performance EIO hard disk.



Additional memory

Get up to 512 MB RAM via one DIMM slot.

<sup>4</sup> Standard and available features vary according to model. For more information, see "Series at a glance" on page 2.

<sup>5</sup> Using genuine HP supplies ensures availability of all HP printing features.

# HP LaserJet 5200 series printer

Technical specifications	HP LaserJet 5200 printer (Q7543A)	HP LaserJet 5200tn printer (Q7545A)	HP LaserJet 5200dn printer (Q7546A)
<b>Print speed</b>	Up to 35 ppm, letter; up to 18.5 ppm, tabloid		
<b>First page out<sup>6</sup></b>	Less than 10 seconds letter		
<b>Resolution</b>	FastRes 1200 and ProRes 1200 (1200 by 1200 dpi)		
<b>Processor</b>	460 MHz		
<b>Memory</b>	48 MB RAM, one open DIMM slot	64 MB RAM, one open DIMM slot	128 MB RAM
<b>Memory, maximum</b>	Up to 512 MB RAM via a single industry-standard 100-pin DDR DIMM slot		
<b>Compact Flash slots</b>	Two open industry-standard Compact Flash slots		
<b>Duty cycle</b>	Up to 65,000 pages per month		
<b>Media</b>			
Input	100-sheet multipurpose tray 1 - 250-sheet input tray 2 - optional 500-sheet input tray 3	100-sheet multipurpose tray 1 - 250-sheet input tray 2 - 500-sheet input tray 3	
Output	250-sheet output bin		
<b>Two-sided printing</b>	Optional automatic two-sided printing unit	Automatic two-sided printing unit	
<b>Sizes</b>	Multipurpose tray 1: 76.2 by 127 mm to 312 by 470 mm (3 by 5 in to 12.28 by 18.5 in); letter, letter rotated, legal, executive, statement, 8.5 by 13, 11 by 17, 12 by 18, envelopes (Monarch, #10), custom 250-sheet tray 2, 500-sheet tray 3: 148 by 210 mm to 297 by 431.8 mm (5.83 by 8.27 in to 11.69 by 17 in); letter, letter rotated, legal, executive, statement, 8.5 by 13, 11 by 17, custom Automatic two-sided printing unit: letter, letter rotated, legal, executive, 8.5 by 13, 11 by 17, custom		
<b>Weights</b>	Multipurpose tray: 60 to 199 g/m <sup>2</sup> (16 to 53 lb); 250-sheet tray 2, 500-sheet tray 3, automatic two-sided printing unit: 60 to 120 g/m <sup>2</sup> (16 to 32 lb)		
<b>Types</b>	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough, light, vellum, tough), transparencies, labels, envelopes, cardstock		
<b>Connectivity</b>			
Interfaces	Hi-Speed USB 2.0 port, IEEE 1284 parallel port, one open EIO slot	Hi-Speed USB 2.0 port, IEEE 1284 parallel port, one open EIO slot, HP Jetdirect Fast Ethernet embedded print server	
Languages and fonts	HP PCL6, HP PCL 5e, HP postscript level 3 emulation, 103 built-in scalable PCL fonts, 93 internal PostScript® fonts		
Client operating systems	Microsoft® Windows® 2000, XP, Server 2003; Certified for Windows Vista®; Mac OS X-10.2.8, 10.3 and 10.4 and higher		
Network operating systems	Via embedded print server: Microsoft Windows 2000, XP, Server 2003; NetWare; UNIX®; AppleTalk; Linux®; HP-UX; LocalTalk		
<b>Dimensions (W by D by H)</b>	490 by 563 by 275 mm (19.3 by 22.2 by 10.8 in)	490 by 600 by 405 mm (19.3 by 23.6 by 15.9 in)	
<b>Weight</b>	20.2 kg (44.5 lb)	30.2 kg (66.5 lb)	33.1 kg (73 lb)
<b>What's in the box</b>	5200 printer, HP LaserJet Q7516A Black Print Cartridge with Smart Printing Technology, documentation (Getting Started Guide), software and documentation CD, power cord, control panel overlay, 100-sheet multipurpose tray 1, 250-sheet input tray 2	5200tn printer, HP LaserJet Q7516A Black Print Cartridge with Smart Printing Technology, documentation (Getting Started Guide, Network Install Guide), software and documentation CD, power cord, control panel overlay, 100-sheet multipurpose tray 1, 250-sheet input tray 2, 500-sheet input tray 3	5200dn printer, HP LaserJet Q7516A Black Print Cartridge with Smart Printing Technology, documentation (Getting Started Guide, Network Install Guide), software and documentation CD, power cord, control panel overlay, 100-sheet multipurpose tray 1, 250-sheet input tray 2, 500-sheet input tray 3, automatic two-sided printing unit

<b>Operating environment</b>	
Operating temperature	50 to 91 degrees F (10 to 32 degrees C)
Storage temperature	32 to 104 degrees F (0 to 40 degrees C)
Relative humidity	20 to 80 percent, non-condensing
<b>Acoustics<sup>7</sup></b>	
Sound power	Printing: 6.84 B(A); Standby: 4.6 B(A)
Bystander sound pressure	Printing: 54 dB(A); Standby: 31 dB(A)
<b>Power specifications<sup>8</sup></b>	
110-volt models:	110 to 127 V (± 10 percent), 50/60 Hz (± 2 Hz)
220-volt models:	220 to 240 V (± 10 percent), 50/60 Hz (± 2 Hz)
<b>Power consumption</b>	
Printing	550 watts (5200tn, 5200dn: 600 watts)
Standby	27 watts
PowerSave	7 watts (5200tn, 5200dn: 7.5 watts)
Off	0.5 watts
Typical Electricity Consumption (TEC):	3.867 kWh/Week
ENERGY STAR® qualified models; see:	<a href="http://www.hp.com/go/energystar">www.hp.com/go/energystar</a>
<b>Product certifications</b>	
Safety certifications:	Canada (cUL-CAN/CSA C22.2 No. 60950-1-03), Mexico (NOM NYCE-NOM 019 SCFI), USA (UL-UL 60950-1; FDA-21 CFR Chapter 1 Subchapter J for lasers); Class 1 Laser/LED Product
EMC certifications:	CISPR 22: 1993/A1, A2; EN 55022: 1994/A1, A2 Class B; EN 61000-3-2: 2000; EN 61000-3-3: 1995/A1; EN 55024: 1998/A1, A2; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 4/GB9254-1998, GB17625.1-2003; EMC Directive 89/336/EEC, the Low Voltage Directive 73/23/EEC, and carries the CE-Marking accordingly
<b>Warranty</b>	One-year, return to HP limited warranty
<b>HP SureSupply enabled</b>	To learn more, please visit <a href="http://www.hp.com/go/suresupply">www.hp.com/go/suresupply</a>

<sup>6</sup> Exact speed varies depending on the system configuration, software program, document complexity, network, media width, media weight, environment, and job size.  
<sup>7</sup> Base model using A4 paper printing simplex at 35 ppm.  
<sup>8</sup> Values subject to change, see [www.hp.com/support/lj5200](http://www.hp.com/support/lj5200) for current information.  
<sup>9</sup> Declared yield value in accordance with ISO/IEC 19752.



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Printed in the U.S.A.

## Ordering information

Product	Number
HP LaserJet 5200 printer	Q7543A
HP LaserJet 5200tn printer	Q7545A
HP LaserJet 5200dn printer	Q7546A
<b>Print cartridge</b>	
HP LaserJet Black Print Cartridge with Smart Printing Technology. Average cartridge yield 12,000 standard pages <sup>9</sup>	Q7516A
<b>Connectivity</b>	
HP Jetdirect 620n Fast Ethernet internal print server (EIO)	J7934G
HP Jetdirect ew2400 802.11b wireless and Fast Ethernet external print server (USB 2.0)	J7951G
HP Jetdirect 630n IPv6 Gigabit Ethernet Print Server	J7997G
HP Jetdirect 635n IPv6/Ipsec and Gigabit Ethernet internal print server (EIO)	J7961G
HP Jetdirect en1700 USB 2.0 Print Server	J7988G
HP Jetdirect en3700 Fast Ethernet external print server (USB 2.0)	J7942G
HP Jetdirect 175x Fast Ethernet external print server (USB 1.1)	J6035G
<b>Paper handling</b>	
Automatic two-sided printing unit	Q7549A
500-sheet input tray	Q7548A
<b>Memory and storage</b>	
HP high-performance EIO hard disk	J6073G
32 MB 100-pin DDR DIMM	Q7713A
64 MB 100-pin DDR DIMM	Q7715A
128 MB 100-pin DDR DIMM	Q7718A
256 MB 100-pin DDR DIMM	Q7719A
512 MB 100-pin DDR DIMM	Q7720A
<b>Cables</b>	
USB, 2-meter A to B cable	C6264A
Parallel cable, 2-meter IEEE 1284-B	C2950A
Parallel cable, 3-meter IEEE 1284-B	C2951A
<b>Service and support</b>	
HP Care Pack, network installation	UC742E
HP Care Pack, 3-year, next-day, on-site response warranty	U3469E
HP Care Pack, 3-year, same day (4-hour), 9x5, on-site response warranty	U4665E
HP Care Pack, 3-year, same day (4-hour), 13x5, on-site response warranty	U3470E
HP Care Pack, 1-year, next-day on-site response post-warranty	U3472PE
HP Care Pack, 1-year, same-day (4 hour), 9x5, on-site response post-warranty	U6397PE
HP Care Pack, 1-year, same-day (4 hour), 13x5, on-site response post-warranty	U3511PE
<b>Paper</b>	
North America: <a href="http://www.hp.com/go/everydaypapers">www.hp.com/go/everydaypapers</a>	USA: 1-800-477-5010





# HP LaserJet 9040/9050 series printer

9040 • 9040n • 9040dn • 9050n • 9050dn

!!!      !!!      \$3,299.99 \$3,399.99 \$3,799.99



Experience high-performance, high-volume  
11 by 17 black-and-white printing in a versatile  
office printer.

## Extensive versatility

- **Minimize user intervention and maximize flexibility.** With a 100-sheet multipurpose tray, two 500-sheet input trays, an optional 2,000-sheet input tray, and an extensive selection of output accessories, the HP LaserJet 9040/9050 series printer meets your high-volume needs.
- **Take advantage of advanced finishing options.** With the optional 2,000-sheet 8-bin mailbox, assign each bin to an individual, workgroup, or department, to enable easy job retrieval. The mailbox features a sorter/collator, a stacker, and a job separator for fast, simple document customizations. Employ an optional 3,000-sheet stacker, 3,000-sheet stapler/stacker, or a 1,000-sheet multifunction finisher for booklets to enable efficient document production.
- **Automatically produce professional two-sided documents.** Routinely printing documents on both sides virtually doubles your input capacity and makes paperwork more manageable.<sup>1</sup>
- **Expand your connectivity options as your needs grow.** Two open EIO slots provide high-performance solutions. Add the optional hard disk or HP Jetdirect wireless Ethernet networking and increase your productivity.
- **Increase your printing options.** Adjustable paper trays allow edge-to-edge printing on custom media up to 12.3 by 18.5 inches and provide a variety of media simultaneously to meet your specialized needs. The 100-sheet multipurpose tray supports custom heavy custom media up to 58 lb (216 g/m<sup>2</sup>) and all trays support media up to 53 lb (200 g/m<sup>2</sup>) to offer the utmost in versatility.

## Cost-effective

- **Manage your business more efficiently with integrated solutions.** Optional HP and third-party software provide integrated solutions for businesses, including form, check, and barcode printing, to help your business run smoothly.
- **Save valuable time and cut costs.** Optional installation and configuration services, maintenance kits, and extended warranty options make the printer worry-free.

- **Enjoy effortless network management.** Use HP Web Jetadmin for remote installation, configuration, and proactive management of your network peripherals. The HP Embedded Web Server performs remote diagnostics, sends e-mail alerts, provides job tracking and accounting information, to save you time and money.<sup>2</sup>

## Highly reliable

- **Get fast, professional printing and a quick first page out.** The HP LaserJet 9050 series printer delivers speeds of up to 50 pages per minute (ppm) and the HP LaserJet 9040 series printer offers up to 40 ppm. Both printer series deliver a first page out in less than 8 seconds for most office documents. Industry-leading professional print quality and HP Smart printing technology<sup>3</sup> let you print multiple originals with consistently great-looking results.
- **Receive automatic supplies alerts.** Each print cartridge features HP Smart printing technology<sup>3</sup> that works with your printer to provide supplies information for simple maintenance and maximum uptime. When you receive an alert that a cartridge is low or out, you can enjoy convenient, online ordering with HP SureSupply.
- **Print office documents with ease.** Networked models yield fast file throughput for all your document production needs with an HP Jetdirect Fast Ethernet embedded print server for easy networking. All printers feature a quick, 533 MHz processor speed and expandable memory up to 512 MB, to gracefully handle your most complex documents.
- **Enable simple and secure printing.** The intuitive 10-key LCD control panel delivers effortless printer interaction. Use the Private Job feature to release confidential documents from the control panel. The Proof and Hold feature lets you review one copy of a multiple-copy print job and then use the control panel to release remaining copies.

HP printing and imaging systems help you create powerful, professional communications easily. HP printers, supplies, accessories, and services are designed to work together and are invented to meet your business needs.

<sup>1</sup> Automatic two-sided printing comes standard with HP LaserJet 9040dn and 9050dn printers.

<sup>2</sup> These features available only with an HP Jetdirect print server, standard with HP LaserJet 9040n, 9040dn, 9050n, and 9050dn printers.

<sup>3</sup> Using genuine HP supplies ensures availability of all HP printing features.

# HP LaserJet 9040/9050 series printer

- 1 Automatic two-sided printing unit offers fast, efficient duplexing
- 2 Control panel with 10-key number pad simultaneously displays up to four lines of text and animated graphics
- 3 100-sheet multipurpose tray handles heavy custom media up to 58 lb or 216 g/m<sup>2</sup>
- 4 Adjustable 500-sheet input trays 2 and 3
- 5 Optional 2,000-sheet input tray 4 delivers high-volume printing
- 6 Enjoy the legendary quality and reliability of HP LaserJet printing with the HP LaserJet C8543X Print Cartridge—HP's Smart printing technology<sup>4</sup> and advanced microfine toner formula makes sharp, professional printing easy, reliable and cost-effective
- 7 Optional 2,000-sheet 8-bin mailbox enables automatic document sorting for individuals and departments
- 8 HP Jetdirect Fast Ethernet embedded print server enables networking
- 9 128 MB total memory and a powerful 533 MHz processor perform complex tasks quickly
- 10 Bidirectional IEEE 1284-B compliant parallel port

**HP LaserJet 9050dn printer with optional 2,000-sheet 8-bin mailbox and optional 2,000-sheet input tray shown**



## Series at a glance



**HP LaserJet 9040**

- 40 ppm
- Two 500-sheet input trays for 1,000-sheet capacity
- 64 MB memory
- Two empty EIO slots



**HP LaserJet 9040n**

- Base model plus:
- 100-sheet multipurpose tray for 1,100-sheet capacity
  - HP Jetdirect Fast Ethernet embedded print server
  - 128 MB total memory



**HP LaserJet 9040dn**

- Base model plus:
- Automatic two-sided printing unit
  - 100-sheet multipurpose tray for 1,100-sheet capacity
  - HP Jetdirect Fast Ethernet embedded print server
  - 128 MB total memory



**HP LaserJet 9050n**

- 50 ppm
- 100-sheet multipurpose tray and two 500-sheet input trays for 1,100-sheet capacity
- HP Jetdirect Fast Ethernet embedded print server
- 128 MB total memory
- Two empty EIO slots



**HP LaserJet 9050dn**

- Base model plus:
- Automatic two-sided printing unit

<sup>4</sup> Using genuine HP supplies ensures availability of all HP printing features.

# Deliver documents across your extended work environment.

## Distributed printing

The HP LaserJet 9040/9050 series printer has the power and versatility to deliver intelligent distributed printing to any organization. Integrated business solutions from HP and key partners provide unsurpassed compatibility in most business environments—even those with multiple hardware and software platforms. Effectively and efficiently route monthly statements, invoices, purchase orders, and large reports and reduce or eliminate costs and distribution time associated with centralized printing. Intelligent print distribution delivers business advantages:

- Faster, more convenient access to information
- Confidentiality
- Local control over documents
- Improved utilization of network printers
- Reduced costs

## Speed and performance

Designed to process documents quickly, the HP LaserJet 9040/9050 series printer features technology that lets you take advantage of the powerful print engine. The 533 MHz processor, RIP-once technology, and HP FastRes 1200 printing technology render print jobs efficiently at full engine speed—50 ppm with the HP LaserJet 9050 series printer and 40 ppm with the HP LaserJet 9040 series printer.

The quick HP Jetdirect Fast Ethernet embedded print server eliminates information flow bottle-necks from the network to your printer. HP Jetdirect-connected printers offer easy remote management: HP Embedded Web Server enables one-to-one network printer management while HP Web Jetadmin helps network administrators manage fleets of peripherals.

## Mobile printing solutions

HP is the industry leader for mobile and wireless printing solutions. Enjoy the ultimate in printing flexibility and freedom with HP Jetdirect wireless Ethernet print servers and the HP Mobile Print Driver for Windows®, a common driver for basic printing to nearly any HP printer.

## Financing, service and support

With HP's flexible acquisition, maintenance and service options, you can integrate the HP LaserJet 9050 series printer into your environment in the way that makes the most sense for your business.

The HP LaserJet 9040/9050 series printer includes a one-year, next business day onsite warranty, backed by award-winning HP Customer Care and HP Instant Support Professional Edition.

HP Managed Office Services for Imaging and Printing can manage your entire printing infrastructure including hardware, supplies, support, services, software, consulting, integration, and project management. HP Pay per use for Imaging and Printing Solutions deliver a scalable standard and custom service options tailored to meet your specific needs: HP provides everything you need for reliable printing, including site assessment and design for optimized print productivity coupled with unsurpassed repair and maintenance support.

## Advanced paper handling options



### 2,000-sheet 8-bin mailbox

Each mailbox bin can be assigned to an individual, workgroup, or department for easy job retrieval. The mailbox is also equipped with a sorter/collator, stacker, and job separator.



### Stacker

Stacks up to 3,000 sheets of paper with job offset.



### Stapler/stacker

Provides 3,000-sheet stacker capabilities as well as multi-position stapling for up to 60 sheets of paper per job.



### Multifunction finisher

Provides 1,000 sheets of stacking capacity, stapling for up to 50 sheets of paper per job, plus folding and saddle stitching for booklets of up to 10 sheets of paper.

# HP LaserJet 9040/9050 series printer

Technical specifications	HP LaserJet 9040 (Q7697A)	HP LaserJet 9040n (Q7698A)/9050n (Q3722A)	HP LaserJet 9040dn (Q7699A)/9050dn (Q3723A)
<b>Print speed</b>	9040 series: up to 40 ppm, letter; 9050 series: up to 50 ppm, letter		
<b>First page out</b>	Approximately 8 seconds		
<b>Resolution</b>	600 by 600 dpi with HP FastRes 1200 and Resolution Enhancement technology (RET)		
<b>Processor</b>	533 MHz		
<b>Memory, standard</b>	64 MB DDR RAM (two open DIMM slots)	128 MB DDR RAM (two available DIMM slots)	
<b>Memory, maximum</b>	512 MB DDR RAM		
<b>Duty cycle</b>	Up to 300,000 pages per month		
<b>Paper handling</b>	500-sheet trays 2 and 3		
Paper input	500-sheet trays 2 and 3	100-sheet multipurpose tray, 500-sheet trays 2 and 3	
Paper output	600-sheet output bin (500 sheets face down, 100 sheets face up)		
Two-sided printing	Optional automatic two-sided print unit		Automatic two-sided printing unit
Sizes	Multipurpose tray: 3.9 by 7.5 to 12.3 by 18.5 in (98 by 191 to 312 by 470 mm); letter, legal, tabloid, executive, JPostD Automatic two-sided printing unit, trays 2 and 3: 5.8 by 8.3 to 11.7 by 17 in (148 by 210 to 297 by 432 mm); letter, letter-rotated, legal, tabloid, executive		
Weights	Multipurpose tray and 8-bin mailbox top bin: 17 to 58 lb (64 to 216 g/m <sup>2</sup> ); Automatic two-sided printing unit, trays 2 and 3: 17 to 53 lb (64 to 200 g/m <sup>2</sup> )		
Types	Paper (plain, preprinted, letterhead, prepunched, bond, color, recycled, rough), transparencies, labels, cardstock		
<b>Connectivity</b>	Bidirectional IEEE-1284-B compliant parallel port, two available EIO slots		
Interfaces	Bidirectional IEEE-1284-B compliant parallel port, two available EIO slots	Bidirectional IEEE-1284-B compliant parallel port, two available EIO slots, HP Jetdirect Fast Ethernet embedded print server	
Languages	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing (v 1.3) with at least 128 MB printer enabled, XHTML-Print v 0.95, HP PJI (Printer Job Language), PML (Printer Management Language)		
Fonts	80 internal TrueType fonts scalable in HP PCL and HP postscript level 3 emulation; additional font solutions available via DIMMs		
Client operating systems	Microsoft® Windows® 2000, XP, Certified for Windows Vista®; Mac OS v10.2.8, v10.3, v10.4, and higher		
Network operating systems <sup>5</sup>	Via HP Jetdirect print servers: Microsoft Windows 2000, XP, XP 64-Bit, Server 2003; Novell NetWare 3.2, 4.2, 5.x, 6.x; Mac OS v10.2.8, v10.3, v10.4, and higher; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8, 9, 10 (SPARC systems only); IBM AIX 3.2.5 and later; MPE-iX		
Network protocols supported <sup>5</sup>	Via HP Jetdirect print servers: TCP/IP (IP Direct mode; may require software from the NOS vendor or third party vendor: LPD, FTP, IPP), IPX/SPX, DLC/LLC, AppleTalk, Auto-IP, Apple Rendezvous compatible, NDS, Bindery, NCP, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP (v 1, v 2c, v 3), HTTP		
<b>Dimensions (w by d by h)</b>	39 by 24.9 by 23.6 in (990.6 by 632.5 by 600 mm)	55 by 24.9 by 23.6 in (1397 by 632.5 by 600 mm)	
<b>Weight</b>	140 lb (63.5 kg)	153 lb (69.4 kg)	168 lb (76.2 kg)
<b>What's in the box</b>	HP LaserJet 9040 printer, power cord, parallel cable, HP LaserJet C8543X Black Print Cartridge with Smart Printing Technology <sup>6</sup> , printer documentation, printer software CD, control panel overlay, <sup>7</sup> face-up output bin, two 500-sheet input trays	HP LaserJet 9040n/9050n printer, power cord, HP LaserJet C8543X Black Print Cartridge with Smart Printing Technology <sup>6</sup> , printer documentation, printer software CD, control panel overlay, <sup>7</sup> face-up output bin, two 500-sheet input trays, 100-sheet multipurpose tray, HP Jetdirect Fast Ethernet embedded print server	HP LaserJet 9040dn/9050dn printer, power cord, HP LaserJet C8543X Black Print Cartridge with Smart Printing Technology <sup>6</sup> , printer documentation, printer software CD, control panel overlay, <sup>7</sup> face-up output bin, two 500-sheet input trays, 100-sheet multipurpose tray, automatic two-sided printing unit, HP Jetdirect Fast Ethernet embedded print server

<sup>5</sup> Not all protocol and operating system combinations are supported. For more information, go to: [www.hp.com/support/net\\_printing](http://www.hp.com/support/net_printing).

<sup>6</sup> Average cartridge yield 30,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.

<sup>7</sup> Included only when needed to change the language on the control panel for a country/region.

## Environmental ranges

Operating temperature:	Operating: 50 to 91 degrees F (10 to 32.5 degrees C)
Relative humidity:	10 to 80 percent relative humidity
Altitude	0 to 10,000 ft (0 to 3100 m)

## Acoustics<sup>8</sup>

	9040 series	9050 series
Power	Active: 6.9 B(A); Ready: 5.3 B(A)	Active: 7.2 B(A); standby: 5.6 B(A)
Pressure (bystander)	Active: 55 dB(A), standby: 39 d(B)A	Active: 56 dB(A), standby: 40 d(B)A

## Power requirements

Input	110 to 127 V (±10 percent), 50/60 Hz (±2 Hz)
voltage:	220 to 240 V (±10 percent), 50/60 Hz (±2 Hz)

## Power consumption<sup>8</sup>

	9040 series	9050 series
Maximum:	900 watts	1000 watts
Standby:	200 watts	205 watts
Powersave:	21 watts	36 watts
Off:	0.5 watts	0.3 watts

## Power certifications

EMC: CISPR 22: 1997/EN 55022: 1998 Class B, EN 61000-3-2: 2000, EN 61000-3-3: 1995, EN 55024: 1998, FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 4/GB9254-1998, GB17625.1-2003, EMC Directive 89/336/EEC and the Low Voltage Directive 73/23/EEC, and carries the CE-Marking accordingly  
Compliance/Safety: Argentina (TUV S Mark-Rs.92/98/Ds.1009/98), Canada (cUL-CAN/CSA C22.2 No.60950-00), China (GB4943), Mexico (NOM NYCE-NOM 019 SCFI), USA (UL-UL 60950, FDA-21 CFR Chapter 1 Subchapter J for lasers); Class 1 laser/LED product  
One-year, next-business-day onsite warranty  
To learn more, please visit [www.hp.com/go/SureSupply](http://www.hp.com/go/SureSupply)

## Warranty

### HP SureSupply enabled

<sup>8</sup> Values subject to change, see [www.hp.com/support/l19050](http://www.hp.com/support/l19050) for current information.

<sup>9</sup> Declared yield value in accordance with ISO/IEC 19752.

## Ordering information

Product	Number
HP LaserJet 9040 printer	Q7697A
HP LaserJet 9040n printer	Q7698A
HP LaserJet 9040dn printer	Q7699A
HP LaserJet 9050n printer	Q3722A
HP LaserJet 9050dn printer	Q3723A
<b>Connectivity</b>	
HP Jetdirect 620n Fast Ethernet Print Server	J7934G
HP Jetdirect 635n IPv6/IPsec internal print server (EIO)	J7961G
HP Jetdirect 630n EIO Print Server	J7997G
<b>Paper handling</b>	
100-sheet multipurpose input tray	C8568A
2,000-sheet input tray	C8531A
Automatic two-sided printing unit	C8532A
2,000-sheet 8-bin mailbox	Q5693A
3,000-sheet output stacker	C8084A
3,000-sheet output stacker/stapler	C8085A
Multifunction finisher	C8088B
<b>Supplies</b>	
HP LaserJet Black Print Cartridge with Smart Printing Technology. Average cartridge yield 30,000 standard pages. <sup>9</sup>	C8543X
HP Printer maintenance kit (110 V), after 350,000 pages	C9152A
HP Printer maintenance kit (220 V), after 350,000 pages	C9153A
<b>Memory and storage</b>	
HP high-performance EIO hard disk	J6073G
64 MB 100 Pin DDR DIMM	Q7715A
128 MB 100 Pin DDR DIMM	Q7718A
256 MB 100 Pin DDR DIMM	Q7719A
512 MB 100 Pin DDR DIMM	Q7720A
<b>Cables</b>	
Macintosh printer cable, 2-meter	92215S
Parallel cable, 2-meter IEEE 1284 (a to b)	C2950A
Parallel cable, 3-meter IEEE 1284 (a to b)	C2951A
<b>Service and support</b>	
HP Care Pack, onsite installation with network configuration	H7621E
HP Care Pack, three-year, next-business-day, onsite service	H7599E
HP Care Pack, three year, same day (within four hours), onsite service	H7603E
<b>HP papers</b>	
North America: <a href="http://www.hp.com/go/everydaypapers">www.hp.com/go/everydaypapers</a> ; USA: 1-800-477-5010	
<b>Third-party solutions</b>	
<a href="http://www.hp.com/go/gsc">www.hp.com/go/gsc</a>	



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