

# HP LaserJet P3005 Printer series

P3005 • P3005d • P3005n • P3005dn • P3005x



Simple, fast and worry-free—the HP LaserJet P3005 Printer series is ideal for document-intensive environments requiring high-quality and low maintenance.

## Outstanding productivity

- **Don't wait around.** HP knows that in today's business world, you can't afford to wait for important print jobs. Speeds of up to 35 pages per minute (ppm) ensure that documents won't stack up in the print queue, while Instant-on Technology delivers a fast first page for quick access to your documents, even first thing in the morning.
- **Increase efficiency with printer sharing.** With integrated networking capability<sup>1</sup> that doesn't compromise performance or security, the printer is easy to share and ideal for small workteams. It also offers Hi-Speed USB 2.0 connectivity for data transmission speeds of up to 480 mbps.
- **Handle complex jobs with ease.** A 400 MHz processor and up to 80 MB standard memory (expandable to 320 MB) should give you peace of mind when it comes to printing large files filled with complex charts, tables, or black-and-white images.

## Simple and robust

- **Spend less time reloading paper.** A large paper input capacity prevents interruptions and keeps you on task. The printer features a maximum input capacity of 1,100 sheets.<sup>2</sup>
- **Print on virtually any paper.** The HP LaserJet P3005 Printer series includes a 100-sheet multipurpose tray that supports traditional paper sizes from envelopes to legal, along with a broad spectrum of paper types.
- **Proactively manage and reduce IT workload.** HP Web Jetadmin helps IT professionals install, configure, and remotely manage all network peripherals through a simple Web interface. HP Easy Printer Care is simple software anyone can use to manage printers and keep them supplied with easy online reordering. HP Easy Printer Care Software 2.0 is available as a free download at [www.hp.com/go/easyprinter-care](http://www.hp.com/go/easyprinter-care) or from a link on the printer's installation CD.

- **Reduce maintenance time.** Interactive HP Smart printing technology<sup>3</sup> in the cartridge and printer optimizes quality and reliability, sends alerts when supplies are low, and facilitates convenient reordering for multiple printers. Simply choose your preferred reseller and place your consolidated order through HP SureSupply.<sup>4</sup>
- **Count on HP support.** HP's award-winning customer service and support backs every printer with a one-year limited warranty. You get fast, knowledgeable online support available 24/7 at [www.hp.com/support](http://www.hp.com/support) and phone support provided by HP-trained agents. Warranties can be extended or enhanced with the purchase of affordable HP Care Pack Services.

## Impressive quality

- **Make your documents look their best.** Whether you're printing internal office documents or customer presentations you're sure to see great-looking output. Using advanced printing technology and HP toner, this HP LaserJet delivers true 1200 dpi quality for crisp black text, clear details, and fine lines.
- **Choose reliable HP print cartridges.** Comprising up to 70% of your printer's imaging system, every Original HP LaserJet print cartridge you install refreshes your printer for reliable, precise operation.
- **Get consistency at high speeds.** HP's patented toner formula is engineered for quality, consistency, and fast speeds. The printer's toner transfer and fusing processes are designed around the high-performance characteristics of HP toner to keep up with your everyday business needs.

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

<sup>1</sup> Networking capability is standard on the HP LaserJet P3005n, HP LaserJet P3005dn, and HP LaserJet P3005x only.

<sup>2</sup> All models include a 500-sheet input tray and 100-sheet multipurpose tray. The HP LaserJet P3005x includes an extra 500-sheet tray.

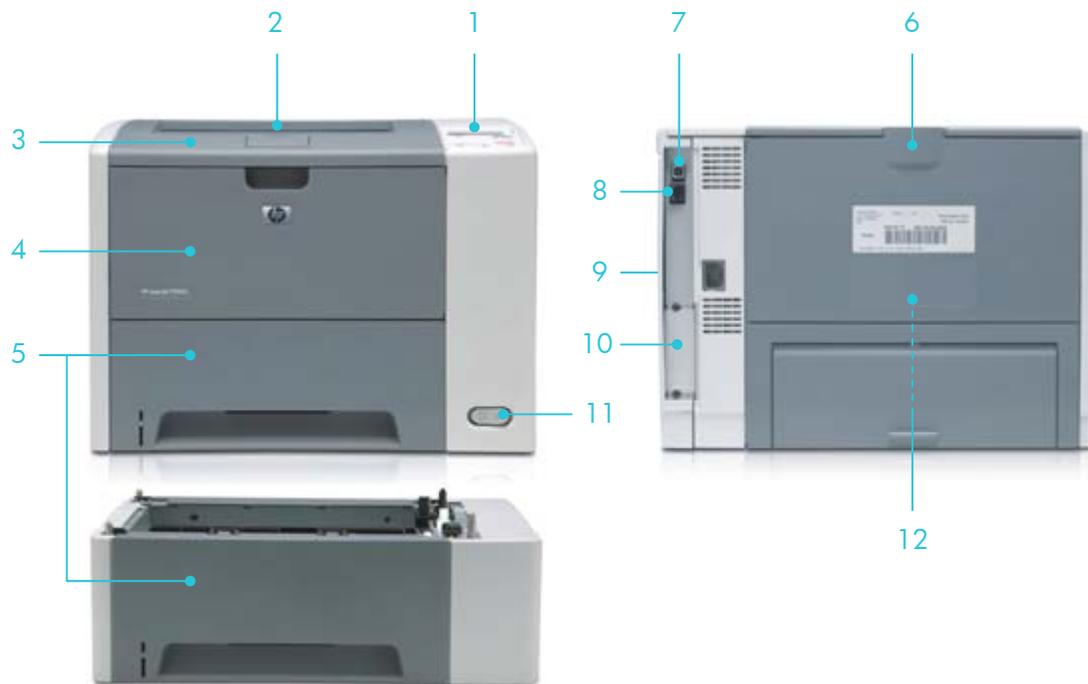
<sup>3</sup> Using genuine HP supplies ensures availability of all HP printing features.

<sup>4</sup> For more information, visit [www.hp.com/learn/suresupply](http://www.hp.com/learn/suresupply).

Order consolidation available on printers with HP Easy Printer Care Software installed or through HP Web Jetadmin Report Generation Plug-in.

# HP LaserJet P3005 Printer series

- 1 Intuitive, two-line control panel with a built-in help function
- 2 250-sheet top output bin with long paper extension
- 3 One-door access to the easy-to-install print cartridge
- 4 100-sheet multipurpose tray enables automatic and manual feeding of special papers
- 5 Two 500-sheet input trays for a 1,100-sheet input capacity
- 6 100-sheet rear output bin provides a straight-through paper path for special papers
- 7 Hi-Speed USB 2.0 port for simple, direct connectivity
- 8 HP Jetdirect Fast Ethernet embedded print server (RJ-45 network port)
- 9 80 MB DDR memory expandable to 320 MB, and a powerful 400 MHz processor
- 10 One EIO slot
- 11 On/off switch
- 12 Automatic two-sided printing



## Series highlights

- Increase office efficiency with fast print speeds of up to 35 ppm letter with the HP LaserJet P3005 Printer series.
- Instant-on Technology ensures a first page out as fast as 9.5 seconds, even when the printer has been in Sleep mode.
- Print professional-looking documents at up to 1200 dots per inch (dpi).
- Simple remote management tools make the printer easy to configure, monitor, troubleshoot, and maintain.
- With its small size, the printer fits where you want it—even on your desktop, conserving valuable workspace.
- An environmentally-friendly design means low energy consumption, quiet operation, minimal emissions, and support for recycling.
- HP PCL6, HP PCL5e, and HP postscript level 3 emulation drivers ensure dependable printing.
- One available EIO slot supports additional connectivity options, such as an HP Jetdirect wireless Ethernet print server.
- Enjoy worry-free printing with a limited one-year, return to HP authorized service center warranty backed by free telephone and Web support.

# Experience a reliable, easy-to-use printer designed for the small work team.



## Lasting value

The HP LaserJet P3005 Printer series includes several models with the following additional features, all designed to meet your needs and increase the value of your investment:

- Spend less time loading paper with the optional 500-sheet tray for a total input capacity of 1,100 sheets.
- Automatic two-sided printing keeps printing costs down and efficiency up.
- Built-in networking lets you start sharing the printer among workgroups as soon as it's installed. And the HP Jetdirect Fast Ethernet embedded print server is IPv6-ready for optimal network compatibility and investment protection.<sup>5</sup>

## Easy to integrate and use

Designed for easy use, the HP LaserJet P3005 Printer series is simple to operate and maintain—a feature that is crucial for many businesses without IT support. The Original HP LaserJet all-in-one print cartridge is simple for any user to replace, making printer maintenance a snap.

## Effective management

- HP Web Jetadmin is a powerful Web-based management tool for remotely installing, configuring, updating, and managing networked peripherals. It can be configured to proactively reduce help desk calls and device downtime by sending alerts and notifications about paper jams or low printing supplies.
- HP Easy Printer Care Software helps you manage 1-15 HP printers from your computer to keep them running at their best. You can monitor printer status, generate basic usage reports, order supplies, and get quick support and updates.
- The HP Universal Print Driver Series for Windows can alleviate administration headaches with a single, intelligent driver that replaces individual drivers for most HP networked printers. For more information and to download the driver for free, go to [www.hp.com/go/universalprintdriver](http://www.hp.com/go/universalprintdriver).

## 100 million HP LaserJets shipped

No one has supplied more printers to more people than HP. For more than 20 years, HP has introduced innovative laser printing products. And now, HP celebrates shipment of the 100 millionth HP LaserJet printer. HP printers offer proven reliability, award-winning service and support, and the broadest portfolio of printing solutions in the industry. Count on the legendary quality of HP LaserJet printers.

<sup>5</sup> IPv6 is only supported with Microsoft® Server 2003 and Windows® XP® (print only).

## Series at a glance



**P3005 (Q7812A)**

- Print speed of up to 35 ppm
- 48 MB RAM, expandable to 320 MB
- Hi-Speed USB 2.0 port
- One open EIO slot
- IEEE 1284-B compliant parallel port
- 400 MHz processor
- 100-sheet multipurpose tray
- 500-sheet input tray



**P3005d (Q7813A)**

- Print speed of up to 35 ppm
- 64 MB RAM, expandable to 320 MB
- Hi-Speed USB 2.0 port
- One open EIO slot
- IEEE 1284-B compliant parallel port
- 400 MHz processor
- 100-sheet multipurpose tray
- 500-sheet input tray
- Built-in automatic two-sided printing



**P3005n (Q7814A)**

- Print speed of up to 35 ppm
- 80 MB RAM, expandable to 320 MB
- Hi-Speed USB 2.0 port
- One open EIO slot
- 400 MHz processor
- 100-sheet multipurpose tray
- 500-sheet input tray
- HP Jetdirect Fast Ethernet embedded print server



**P3005dn (Q7815A)**

- Print speed of up to 35 ppm
- 80 MB RAM, expandable to 320 MB
- Hi-Speed USB 2.0 port
- One open EIO slot
- 400 MHz processor
- 100-sheet multipurpose tray
- 500-sheet input tray
- Built-in automatic two-sided printing
- HP Jetdirect Fast Ethernet embedded print server



**P3005x (Q7816A)**

- Print speed of up to 35 ppm
- 80 MB RAM, expandable to 320 MB
- Hi-Speed USB 2.0 port
- One open EIO slot
- 400 MHz processor
- 100-sheet multipurpose tray
- Two 500-sheet input trays
- Built-in automatic two-sided printing
- HP Jetdirect Fast Ethernet embedded print server

# HP LaserJet P3005 Printer series

Technical specifications	HP LaserJet P3005 (Q7812A)	HP LaserJet P3005d (Q7813A)	HP LaserJet P3005n (Q7814A)	HP LaserJet P3005dn (Q7815A)	HP LaserJet P3005x (Q7816A)
<b>Print speed*</b>	Up to 35 ppm, letter As fast as 9.5 seconds				
<b>First page out</b>	As fast as 9.5 seconds				
<b>Resolution</b>	Up to 1200 by 1200 dpi; HP FastRes 1200				
<b>Processor</b>	400 MHz				
<b>Memory</b>	48 MB standard, expandable to 320 MB through one industry-standard 144-pin DIMM slot; Memory Enhancement technology (MET)	64 MB standard, expandable to 320 MB through one industry-standard 144-pin DIMM slot; Memory Enhancement technology (MET)	80 MB standard, expandable to 320 MB through one industry-standard 144-pin DIMM slot; Memory Enhancement technology (MET)		
<b>Durability ratings</b>	Recommended monthly page volume <sup>7</sup> : 1,500 to 5,000 pages per month Duty cycle <sup>8</sup> : up to 100,000 pages per month				
<b>Printer language</b>	HP PCL6, HP PCL5e, HP postscript level 3 emulation				
<b>Typefaces included</b>	PCL: 103 internal font set (plus Greek, Hebrew, Cyrillic, Arabic); PS: 93 internal font set (plus Greek, Hebrew, Cyrillic, Arabic)				
<b>Paper handling</b>	Input: 100-sheet multipurpose tray 1, 500-sheet input tray 2 Output: 250-sheet output bin; up to 10 envelopes, 75 transparencies; 100-sheet rear output bin				
<b>Two-sided printing</b>	Manual (driver support provided)	Automatic	Manual (driver support provided)	Automatic	Automatic
<b>Sizes</b>	Multipurpose tray 1: 3 by 5 to 8.5 by 14 in (76 by 127 to 216 by 356 mm); letter, legal, executive, envelopes; trays 2 and 3: letter, legal, executive, 8.5 by 13 inches; automatic two-sided printing: letter, legal, 8.5 by 13 inches				
<b>Weights</b>	Tray 1, straight through paper path for special media and heavier stock: 16 to 53 lb (60 to 200 g/m <sup>2</sup> ); trays 2 and 3: 16 to 32 lb (60 to 120 g/m <sup>2</sup> ); automatic two-sided printing: 16 to 32 lb (60 to 120 g/m <sup>2</sup> )				
<b>Types</b>	Paper (bond, color, letterhead, plain, preprinted, pre-punched, recycled, rough), envelopes, labels, cardstock, transparencies, user-defined				
<b>Connectivity</b>	Interfaces: IEEE 1284-B compliant parallel port, Hi-Speed USB 2.0 port, one open EIO slot Hi-Speed USB 2.0 port, one open EIO slot HP Jetdirect Fast Ethernet embedded print server				
<b>Client operating systems</b>	Windows 98 SE, 2000, Me, XP Home, XP Professional, Server 2003, compatible with the Windows Vista™ operating system at Windows Vista release; Mac OS X v10.3.9, v10.4 or later; PowerPC G3				
<b>Network operating systems</b>	Via HP Jetdirect print servers: Windows 2000, XP Home, XP Professional, XP Professional x64, Server 2003; Novell 5.1 and higher; Mac OS 9.x, OS X v 10.2 and higher; Red Hat Linux 7.x and higher; SuSE Linux 8.x and higher; HP-UX 10.20, 11.x, 11.1; Solaris 2.5 and higher (SPARC systems only); IBM AIX 3.2.5 and higher (requires software from NOS vendor); MPE-iX; Citrix MetaFrame Server; Windows Terminal Services				
<b>Network protocols supported</b>	Via HP Jetdirect print servers: TCP/IP, IPX/SPX, AppleTalk, DLC/LLC, IP Direct Mode, LPD2, FTP Printing (may require software from the NOS or third-party vendor), IPP2, Network NDS, Bindery, NDP5, iPrint, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP, HTTP, Auto-IP, Apple Bonjour Compatible (Mac OS 10.2.4 and higher)				
<b>Dimensions (w by d by h)</b>	16.7 by 16.1 by 12.2 in (425 by 410 by 309 mm)				16.7 by 16.1 by 18.7 in (425 by 410 by 474 mm)
<b>Weight (without print cartridge)</b>	35.7 lb (16.2 kg)				47 lb (21.3 kg)
<b>What's in the box</b>	HP LaserJet P3005 Printer, power cord, control panel overlay, <sup>9</sup> print cartridge, software and documentation on CD, Getting Started Guide, support flyer	HP LaserJet P3005d Printer (includes built-in automatic two-sided printing), power cord, control panel overlay, <sup>9</sup> print cartridge, software and documentation on CD, Getting Started Guide, support flyer	HP LaserJet P3005n Printer (includes HP Jetdirect Fast Ethernet embedded print server), power cord, control panel overlay, <sup>9</sup> print cartridge, software and documentation on CD, Getting Started Guide, support flyer	HP LaserJet P3005dn Printer (includes built-in automatic two-sided printing and HP Jetdirect Fast Ethernet embedded print server), power cord, control panel overlay, <sup>9</sup> print cartridge, software and documentation on CD, Getting Started Guide support flyer	HP LaserJet P3005x Printer (includes built-in automatic two-sided printing and HP Jetdirect Fast Ethernet embedded print server), 500-sheet input tray (tray 3), power cord, control panel overlay, <sup>9</sup> print cartridge, software and documentation on CD, Getting Started Guide, support flyer

Environmental ranges	
Operating temperature	59 to 89 degrees F (15 to 32.5 degrees C)
Storage temperature	-4 to 104 degrees F (-20 to 40 degrees C)
Relative humidity	Recommended: 30 to 70 percent; Non-operating: 10 to 90 percent
Acoustics <sup>10</sup>	
Sound power	Active: 6.5 B(A); Ready: inaudible
Sound pressure (bystander)	Active: 51 dB(A); Ready: inaudible
Power specifications	
Input requirements	100 to 127 VAC (± 10 percent), 50/60 Hz (± 2 Hz) 220 to 240 VAC (± 10 percent), 50/60 Hz (± 2 Hz)
Consumption <sup>11</sup>	Active: 600 watts; Ready: 9 watts; Sleep: 9 watts; Off: less than 0.2 watts Typical Electricity Consumption (TEC): 2.643 kWh/Week ENERGY STAR® qualified models; see: <a href="http://www.hp.com/go/energystar">http://www.hp.com/go/energystar</a>
Certifications	
Safety	IEC 60950 (International), EN 60950 (EU), IEC 60825-1+A1+A2, UL/CUL listed (US/Canada), GS license (Europe), EN 60825-1+A11+A2 Class 1, 21 CFR Ch. 1/SubCh. J (Class 1 Laser/LED Device) GB4943-2001
EMC	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 (US), ICES-003, Issue 4 (Canada), GB9254-1998, GB17625.1-2003, One-year limited warranty, return-to-HP authorized service center To learn more, please visit <a href="http://www.hp.com/go/SureSupply">www.hp.com/go/SureSupply</a>
Warranty	
<b>HP SureSupply enabled</b>	

<sup>6</sup> Exact speed varies depending on the system configuration, software application, and document complexity.  
<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 to satisfy the demands of connected individuals or groups.  
<sup>9</sup> Included only when needed to change the language on the control panel for a country/region.  
<sup>10</sup> Declared per ISO 9296 and 7729; values are subject to change. Configuration tested: base model printing at 35 ppm.  
<sup>11</sup> Values subject to change. Power numbers are the highest values measured using all standard voltages.  
<sup>12</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 P3005 Printer	Q7812A
HP LaserJet P3005d Printer	Q7813A
HP LaserJet P3005n Printer	Q7814A
HP LaserJet P3005dn Printer	Q7815A
HP LaserJet P3005x Printer	Q7816A
Paper handling	
500-sheet input tray 3	Q7817A
HP Smart printing supplies	
HP LaserJet print cartridge (6,500 page cartridge) <sup>10</sup>	Q7551A
HP LaserJet print cartridge (13,000 page cartridge) <sup>10</sup>	Q7551X
Memory	
32 MB DDR2 144-pin DIMM	CB420A
64 MB DDR2 144-pin DIMM	CB421A
128 MB DDR2 144-pin DIMM	CB422A
256 MB DDR2 144-pin DIMM	CB423A
Cables	
HP IEEE 1284-compliant bidirectional parallel cable, 2 meter	C2950A
HP IEEE 1284-compliant bidirectional parallel cable, 3 meter	C2951A
USB A to B cable, 2 meter	C6518A
Connectivity	
HP Jetdirect en1700 USB 2.0 Print Server (print only)	J7988G
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
HP Jetdirect ew2400 wireless USB 2.0 Print Server	J7951G
HP Jetdirect en3700 external Fast Ethernet print server (USB 2.0)	J7942G
HP high-performance serial ATA EIO hard disk	J7989G
Service and support	
3-year, next-day exchange	U3790E
3-year, next-day return-to-depot	U3789E
3-year, next-business-day onsite response	U3791E
2-year or 1-time replacement	UE171E
3-year, pickup and return	U6454E
Installation service: 1 printer, 1 incident	UC941E
Installation service: 1 network configuration	UC742E
1-year, post warranty service, next-day exchange	US3793PE
1-year, post warranty service, return-to-depot	UA185PE
1-year, post warranty service, 1-time replacement	UE172PE
1-year, post warranty service, next-business-day onsite response	U3792PE
1-year, post warranty service, phone & online assistance	HC127PE
Paper	
North America: <a href="http://www.hp.com/go/paper">www.hp.com/go/paper</a>	
USA: 1-800-477-5010	
Solutions	
<a href="http://www.hp.com/go/gsc">www.hp.com/go/gsc</a>	

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