



## HP LaserJet P4015 Printer series

P4015n • P4015tn • P4015x



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>

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>

<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).

# 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



P4015m



P4015x

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.

## 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 automatic two-sided printing.<sup>5</sup>

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.

### Print cartridges with HP Smart Printing Technology<sup>6</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

H5479E  
U2889E  
UC742E  
H2664PE  
U6403PE  
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)

## 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).

<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> Two-sided printing included with the HP LaserJet P4015x and can be added to the HP LaserJet P4015n and HP LaserJet P4015tn by adding an optional two-sided printing accessory.

<sup>6</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 P4015 Printer series

Technical specifications	HP LaserJet P4015n Printer (CB509A)	HP LaserJet P4015m Printer (CB510A)	HP LaserJet P4015x Printer (CB511A)																												
<b>Print speed<sup>7</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>8</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>9</sup> Duty cycle: up to 225,000 pages <sup>10</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						
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																														
<b>Connectivity</b>	<table border="1"> <tr> <td>Interfaces</td> <td colspan="3">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</td> </tr> <tr> <td>Languages</td> <td colspan="3">HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF (v1.4) printing (192 MB printer memory recommended)</td> </tr> <tr> <td>Fonts</td> <td colspan="3">80 HP font set (plus Greek, Hebrew, Cyrillic, Arabic)</td> </tr> <tr> <td>Client operating systems</td> <td colspan="3">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</td> </tr> <tr> <td>Network operating systems</td> <td colspan="3">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</td> </tr> <tr> <td>Network protocols</td> <td colspan="3">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</td> </tr> <tr> <td>Security</td> <td colspan="3">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</td> </tr> </table>			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 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			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		
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 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																														
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>11</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, return to HP authorized service center, limited warranty																														
<b>Environmental ranges</b>	<table border="1"> <tr> <td>Recommended temperature</td> <td colspan="3">50 to 90 degrees F</td> </tr> <tr> <td>Storage temperature</td> <td colspan="3">32 to 95 degrees F</td> </tr> <tr> <td>Recommended relative humidity</td> <td colspan="3">10 to 80 percent</td> </tr> <tr> <td>Storage relative humidity</td> <td colspan="3">10 to 95 percent</td> </tr> <tr> <td>Altitude</td> <td colspan="3">Up to 10,000 ft</td> </tr> </table>			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										
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</b>	<table border="1"> <tr> <td>Sound power<sup>12</sup></td> <td>Maximum: 7.2 B(A)</td> <td>Ready: 4.1 B(A)</td> <td>EMC</td> </tr> <tr> <td>Bystander sound pressure</td> <td>Active: 58 dB(A)</td> <td>Ready: 27 dB(A)</td> <td></td> </tr> </table>			Sound power <sup>12</sup>	Maximum: 7.2 B(A)	Ready: 4.1 B(A)	EMC	Bystander sound pressure	Active: 58 dB(A)	Ready: 27 dB(A)																					
Sound power <sup>12</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>13</sup></td> <td>Active: 840 watts</td> <td>Sleep: 12 watts</td> <td>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> <td></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>13</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																	
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>13</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																													
	Typical Electricity Consumption (TEC): 4.286 kWh/Week ENERGY STAR® qualified models, see <a href="http://www.hp.com/go/energystar">www.hp.com/go/energystar</a> <b>Certifications</b> 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																														

<sup>7</sup> Exact speed varies depending on system configuration, software application, driver, and document complexity.

<sup>8</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>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> 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>12</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>13</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.



ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. 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.

© Copyright 2008 Hewlett-Packard Development Company, L.P.

The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

To learn more, visit [www.hp.com](http://www.hp.com)

4AA1-6971ENUC, February 2008

