HP LaserJet P4015 Printer series

Technical specifications	HP LaserJet P4015n Printer (CB509A)	HP LaserJet P4015dn Printer (CB526A)	HP LaserJet P4015tn Printer (CB510A)	HP LaserJet P4015x Printer (CB511A)
Print speed[5]	Up to 52 ppm, letter			
Document delivery speed	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[6]			
Print resolution	Up to 1200 by 1200 dpi; HP REt, HP 300 dpi, HP 600 dpi, HP FastRes 1200, HP ProRes 1200			
Processor	540 MHz			
Memory	128 MB, expandable to 640 MB via one open 144-pin 32 bit DDR2 DIMM slot			
Durability ratings	Recommended monthly volume: 3,000 to 15,000 pages;[7] Duty cycle: up to 225,000 pages[8]			
Paper				
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	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			
Connectivity				
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			
Dimensions (w by d by h)	16.5 by 17.7 by 15.5 in	16.5 by 21.2 by 15.5in	16.5 by 17.7 by 21.5 in	16.5 by 20 by 21.5 in
Weight (includes print cartridge)	56.92 lb	62.3 lb	71.58 lb	77.42 lb
What's in the box	Printer, right-angled power cord, control panel overlay, software and documentation on CD-ROM, print cartridge,[9] Getting Started Guide, support flyer			
Also includes		Automatic duplexer for two-sided printing	500-sheet input tray 3	500-sheet input tray 3, automatic duplexer for two-sided printing
Warranty	One-year, return to HP authorized service center, limited warranty			

Environmental ranges

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

Acoustics

Sound power[10]	Maximum: 7.2 B(A)	Ready: 4.1 B(A)
Bystander sound pressure	Active: 58 dB(A)	Ready: 27 dB(A)

Power specifications

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[11]	Active: 840 watts	Sleep: 12 watts
	Ready: 18 watts	Off: 0 watts

Typical Electricity Consumption (TEC): 4.286 KWh/Week
ENERGY STAR qualified models, see www.hp.com/go/energystar

Certifications

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
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

HP SureSupply enabled. To learn more, visit www.hp.com/learn/suresupply

[5] Exact speed varies depending on system configuration, software application, driver, and document complexity.

[6] An InfoTrends study shows the typical office print job is three to five pages long; 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.

[7] 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.

[8] 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.

[9] 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.

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

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

To learn more, visit www.hp.com