

# HP Color LaserJet CP4005 Printer Series



Produce colour documents as dynamic as your business with the HP Color LaserJet CP4005 Printer series, which combines fast performance, superb print quality and ease of use, all at an affordable price.



HP Color LaserJet  
CP4005n Printer



HP Color LaserJet  
CP4005dn Printer

**Designed for workteams in small to medium-sized businesses who need a reliable and affordable printer for high-volume colour and mono office printing.**

**Enjoy fast speeds and powerful performance with this affordable HP Color LaserJet printer.**

Work quickly and efficiently with fast speeds of up to 25 ppm colour and up to 30 ppm mono. Instant-on Technology delivers a fast first printed page, even from Powersave mode. Accommodate high-volume needs with flexible paper-handling capabilities: a 500-sheet input tray <sup>1</sup> enables you to expand this printer's maximum input to 1,100 sheets. Print more while conserving paper with an automatic two-sided printing unit <sup>2</sup>. Handle large, complex files with expandable memory up to 512 MB.

**Create vibrant colour communications at full speed, with HP ColorSphere toner and HP ImageREt 3600 .**

No need to sacrifice speed, simply select Print and you get fast, reliable print quality with HP ImageREt 3600, every time you print. HP ColorSphere toner achieves higher gloss results for a dynamic range of bright colours and works with enhanced HP ImageREt 3600 to produce consistent colour and realistic images page after page. Print with confidence as automatic colour calibration and HP Smart printing technology <sup>3</sup> in HP print cartridges ensures optimal print quality.

**This reliable printer is easy to use, with an intuitive control panel and front access to supplies.**

Count on HP reliability at work with printer and print cartridge technology that's built to last, and a duty cycle of 80,000 pages. Easily manage the printer and supplies with the familiar, intuitive, LCD control panel display. Four genuine HP ColorSphere toner cartridges are preinstalled and a single, convenient access door lets you replace them easily. Enjoy Hi-Speed USB 2.0 connectivity and full-featured networking with a Fast Ethernet Embedded Print Server.

<sup>1</sup> Optional 500-sheet input tray sold separately

<sup>2</sup> Automatic two-sided printing standard with HP Color LaserJet CP4005dn Printer

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

## Technical specifications

<b>Print technology</b>	In-line colour laser printing technology			
<b>Print speed</b>	A4 black: Up to 30 ppm, colour: Up to 25 ppm First page out Black: Less than 10 sec (from "ready" mode), colour: Less than 12 sec (from "ready" mode) Exact speed varies depending on the system configuration, software application, driver and document complexity.			
<b>Processor</b>	533 MHz, MIPS RISC			
<b>Memory</b>	CP4005n: 128 MB; CP4005dn: 256 MB; Expandable to 512 MB RAM through one industry-standard DIMM slot.			
<b>Print resolution</b>	Black: Up to 600 x 600 dpi Colour: Up to 600 x 600 dpi			
<b>Print quality</b>	HP ImageREt 3600			
<b>Printer languages</b>	HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, direct PDF printing v 1.4			
<b>Typefaces/fonts</b>	93 internal TrueType fonts scalable in HP PCL and HP Postscript Level 3 emulation			
<b>Duty cycle</b>	Up to 80000 pages per month			
<b>Print margins</b>	top: 5 mm, left: 5 mm, right: 5 mm, bottom: 5 mm			
<b>Media handling</b>	<b>Input</b>	<b>Capacity</b>	<b>Weight</b>	<b>Size</b>
	Tray 1	sheets: 100, transparencies: 60, envelopes: 20	60 to 220 g/m <sup>2</sup>	A4, A5, B5 (JIS), executive (JIS), 16K, D Postcard (JIS), envelopes (DL, C5, B5), 76 x 127 to 216 x 356 mm
	Tray 2	sheets: 500	60 to 120 g/m <sup>2</sup>	A4, A5, B5 (JIS), executive (JIS), 16K, 148 x 210 to 216 x 356 mm
	Tray 3	sheets: 500	60 to 120 g/m <sup>2</sup>	A4, A5, B5 (JIS), executive (JIS), 16K, 148 x 210 to 216 x 356 mm
	Duplex printing:	CP4005n: Manual (driver support provided); CP4005dn: Automatic (standard)	60 to 120 g/m <sup>2</sup>	A4, B5, B5 (JIS)
	<b>Output:</b>	Sheets: Up to 500. Envelopes: Up to 20. Transparencies: Up to 100		
<b>Media types</b>	Multi-purpose tray: paper (plain, glossy, coloured, preprinted, letterhead, recycled, HP tough and high-gloss laser), envelopes, transparencies, labels; 500-sheet input trays: paper (plain, glossy, coloured, preprinted, letterhead, recycled, HP tough and high-gloss laser), transparencies, labels			
<b>Interface and connectivity</b>	CP4005n: Hi-Speed USB 2.0 port (compatible with USB 2.0 specifications), HP Jetdirect internal print server for Fast Ethernet 10/100Base-TX; CP4005dn: Hi-Speed USB 2.0 port (compatible with USB 2.0 specifications), HP Jetdirect internal print server for Fast Ethernet 10/100Base-TX; optional: HP Jetdirect external print servers, HP Jetdirect wireless external print servers			
<b>Operating systems compatibility</b>	Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003; Mac OS X v10.2 or higher Optional: Unix, Linux, HP OpenVMS, Current HP printer drivers and software can be obtained from the HP Customer Care Web site: <a href="http://www.hp.com/support/ljcp4005">http://www.hp.com/support/ljcp4005</a>			
<b>Network operating systems compatibility</b>	For embedded print server: Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003; Mac OS X v10.2 and higher; Citrix® MetaFrame® Server; Windows® Terminal Services. For external value-featured print servers such as the 175x: Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003; Mac OS 9.x, OS X v10.2 and higher; Citrix® MetaFrame® Server; Windows® Terminal Services. For external full-featured print servers such as the e3700: Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003; Novell® 5.1 and higher; Mac OS 9.x, OS X v10.2 and higher; RED HAT Linux 7.x and higher; SUSE Linux 8.x and higher; HP-UX 10.20, 11.x, 11.i; Solaris™ 2.5 and higher (SPARC® systems only); IBM® AIX 3.2.5 and higher; MPEiX; Citrix® MetaFrame® Server; Windows® Terminal Services, optional: Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003; Mac OS X v10.2 or higher			
<b>Minimum system requirements</b>	64 MB RAM (Windows® 2000); 233 MHz processor, 64 MB RAM (XP Home, XP Professional); 550 MHz processor, 128 MB RAM [Windows® Server 2003 (standard edition)], 220 MB available hard disk space, IEEE 1284-compliant bidirectional parallel port, USB 1.1 port, Hi-Speed USB port (compatible with USB 2.0 specifications), CD-ROM drive or Internet connection, Mac OS X v10.2 or higher, 160 MB available hard disk space, CD-ROM drive, USB port			
<b>Software</b>	Print drivers and installation software on CD-ROM: HP PCL 5c, HP PCL 6, HP Postscript Level 3 emulation, HP LaserJet utility, Macintosh software, Postscript Printer Description files			
<b>Control panel</b>	7 front-panel buttons (Menu, Select, Stop, Back/Exit, Help, Up arrow, Down arrow), 4-line control panel display, 3 LED status lights (Attention, Data, Ready), enhanced help with animated graphics			
<b>Printer management</b>	HP Embedded Web Server, HP Web Jetadmin, HP Easy Printer Care Software, HP LaserJet utility			
<b>Power</b>	Requirements: Input voltage: 110 to 127 V (+/- 10%), 50/60 Hz (+/- 2 Hz); 220 to 240 VAC (+/-10%), 50/60 Hz (+/- 2 Hz). Consumption: 0.3 watts (off), 17 watts (sleep), 55 watts (ready), 567 watts (printing)			
<b>Dimensions (w x d x h)</b>	Out of package: CP4005n: 521 x 598 x 582 mm; CP4005dn: 521 x 598 x 628.6 mm; Packaged: CP4005n: 813 x 661 x 853 mm; CP4005dn: 813 x 661 x 853 mm;			
<b>Weight</b>	Out of package: CP4005n: 47.8 Kg; CP4005dn: 49.2 Kg; Packaged: CP4005n: 64.2 kg; CP4005dn: 66 kg;			
<b>Operating environment</b>	Operating temperature: 15 to 30° C. Recommended operating temperature: 17 to 25° C. Operating humidity: 10 to 80% RH. Recommended operating humidity: 30 to 70% RH. Storage temperature: 0 to 35° C. Storage humidity: 10 to 85% RH. Noise level per ISO 9296: Sound power: LwAd 6.7 B(A) (printing), 4.7 B(A) (ready). Sound pressure: LpAm 50 dB(A) (printing), 31 dB(A) (ready)			
<b>Product certifications</b>	Safety certifications: Argentina (TUV S Mark-Rs.92/98/Ds.1009/98), Australia (AS/NZ 3260), Canada (cUL-CAN/CSA C22.2 No. 60950-1-03), China (GB4943), Czech Republic (CSN-IEC 60950-1; IEC 60825-1), Estonia (EEIEN60950-1; IEC 60825-1), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TUV: EN60950-1; IEC 60825-1), Hungary (MEEI- IEC 60950-1; IEC 60825-1), Lithuania (LS- IEC 60950-1; IEC 60825-1), (Russia (GOST- R50377), Slovakia (IEC 60950-1; IEC60825-1), Slovenia (SQI- IEC 60950-1; EN60825-1), South Africa (IEC 60950-1; IEC60825-1), USA (UL-UL 60950-1; FDA-21 CFR Chapter 1 Subchapter J for lasers). Class 1 Laser/LED Product. EMC certifications: 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/ICES-003, Issue 4/GB9254-1998, GB17625.1-1998; EMC Directive 89/336/EEC, the Low Voltage Directive 73/23/EEC and carries the CE-Marking accordingly			
<b>Warranty</b>	One-year, next-day, onsite warranty; optional HP Care Pack services.			

## Ordering information

<b>CB503A</b>	HP Color LaserJet CP4005n Printer
<b>CB504A</b>	HP Color LaserJet CP4005dn Printer as CB503A plus automatic two-sided printing
<b>Accessories</b>	
<b>Q7721A</b>	HP 128 MB DDR 200-pin SDRAM DIMM
<b>Q7722A</b>	HP 256 MB DDR 200-pin SDRAM DIMM
<b>Q7723A</b>	HP 512 MB DDR 200-pin SDRAM DIMM
<b>Q7499A</b>	HP 500-sheet Input Tray
<b>Q7502A</b>	HP 110V Image Fuser Kit (150,000 pages)
<b>Q7503A</b>	HP 220V Image Fuser Kit (150,000 pages)
<b>Q7504A</b>	HP Image Transfer Kit (120,000 pages)
<b>Q7501A</b>	HP Printer Stand
<b>Print servers &amp; network software</b>	
<b>J7942G</b>	HP Jetdirect en3700 External Print Server (USB, 10/100TX)
<b>J6035G</b>	HP Jetdirect 175x External Print Server (USB, 10/100BaseTX)
<b>J7951G</b>	HP Jetdirect ew2400 802.11g Wireless and Fast Ethernet External Print Server
<b>Laser Printer Supplies</b>	
<b>CB400A</b>	HP Color LaserJet CB400A Black Print Cartridge with ColorSphere Toner Approx. 7,500 pages at 5% coverage
<b>CB401A</b>	HP Color LaserJet CB401A Cyan Print Cartridge with ColorSphere Toner Approx. 7,500 pages at 5% coverage
<b>CB402A</b>	HP Color LaserJet CB402A Yellow Print Cartridge with ColorSphere Toner Approx. 7,500 pages at 5% coverage
<b>CB403A</b>	HP Color LaserJet CB403A Magenta Print Cartridge with ColorSphere Toner Approx. 7,500 pages at 5% coverage
<b>Service &amp; support</b>	
<b>H3113A/E</b>	HP Care Pack, Next-Business-Day Response On-Site, 3 years
<b>H3118A/E</b>	HP Care Pack, Response Within 4 Hours, 3 years
<b>H3183PA/PE</b>	HP Care Pack, Post Warranty Next-Business-Day On-Site Response, 1 year
<b>U2034PA/PE</b>	HP Care Pack, Post Warranty Response Within 4 Hours, 1 year
<b>H2872A/E</b>	HP Care Pack: Installation & Network Configuration
For a complete list of supplies, accessories and services, please refer to <a href="http://www.hp.com">http://www.hp.com</a>	

<http://www.hp.com/uk>



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