

HP Color LaserJet 4700

HP Color LaserJet CP4005



Powerful and reliable performance; brilliant, high impact colour; outstanding print quality – now you can choose the right printer to fit your business needs and your budget from these two versatile HP Color LaserJet Printer series.

Increase your productivity with a wide choice of models and a range of optional accessories.

- Achieve more with a printer that can keep up with your need for speed: the CP4005 Printer series delivers up to 25 ppm in colour and 30 ppm in black-and-white, the 4700 Printer series gives you up to 30 ppm for both.
- Get a first printed page with no wait, and even from Powersave mode, thanks to HP's Instant-on Technology.
- Accommodate high-volume needs with flexible paper-handling and a generous input capacity – from 1,100 sheets with the CP4005 Printer series and up to 2,600 sheets with the 4700 Printer series.
- Print more while conserving paper with automatic two-sided printing¹ and if you need finishing capabilities, the 4700 Printer series offers an optional advanced stapler/stacker².

Count on HP for ease-of-use and reliability.

- These printers share the same robust architecture and are designed so you can experience effortless printing with a familiar, intuitive control panel and one easy-access door to supplies.
- Easily handle large, complex jobs with expandable memory, a fast processor and an engine that's built to last.
- HP ColorSphere toner cartridges are pre-installed – just follow the simple setup and start printing.
- Excellent print quality is assured at full engine speed with HP ImageREt 3600 – see more refined colour contrast and more realistic photo-quality images, page after page.

Find the economical printing solution to meet your specific need.

- With a low purchase price and a host of valuable features the HP Color LaserJet CP4005 Printer series delivers high end performance you can afford. It is ready to be shared on your network, with a Fast Ethernet Embedded Print Server.
- If you print higher monthly volumes, the HP Color LaserJet 4700 Printer series pays for itself, offering exceptional value with the lower running cost, page after page. This printer series also offers full-featured enterprise class networking and more upgrade options.

¹ Automatic two-sided printing standard with HP Color LaserJet CP4005dn Printer. Two sided printing is standard on the HP Color LaserJet 4700dn, 4700dtn and 4700ph models only. The 4700 and the 4700n are not upgradable.

² Standard on the HP Color LaserJet 4700ph+ only. Available as an optional (not included, sold separately) accessory on the 4700dn and 4700dtn.

Which printer is right for my business?

The **HP Color LaserJet CP4005** Printer series is designed for demanding individuals and small workteams in small- to medium-sized businesses who need a reliable and affordable printer for medium- to high-volume, high quality colour and black-and-white office printing.

The **HP Color LaserJet 4700** Printer series is ideal for managed workgroups with high volume printing needs, in enterprise, small and medium businesses who require high performance A4 colour for their professional business document printing.

Series features at a glance

I need:	HP Color LaserJet CP4005 Printer series	HP Color LaserJet 4700 Printer series
fast colour printing	up to 25 ppm	up to 30 ppm
fast black and white printing	up to 30 ppm	up to 30 ppm
my colour documents to print without delay	under 12 secs	under 10 secs
excellent print quality page after page	ImageREt 3600 HP ColorSphere Toner	ImageREt 3600 HP ColorSphere Toner
flexible paper handling and the capability to print large unattended print jobs	up to 1,100 sheets of input capacity 600 sheets input capacity standard on all models	up to 2,600 sheets of input capacity 600 sheets input capacity standard on base/n/dn models, 1600 sheets on dtn models, 2600 sheets on ph+ models
finishing options		Stapler/Stacker for 750 sheets, staples up to 30 sheets, standard on ph+ model, optional for dn/dtn models
to print on both sides of the paper	automatic two-sided printing standard on the CP4005dn	automatic two-sided printing standard on the 4700dn, 4700dtn, and 4700ph+
to share my printer on the network	Hi-Speed USB 2.0 port and HP Jetdirect internal print server for Fast Ethernet 10/100Base-TX standard on all models	parallel port, Hi-Speed USB 2.0 port, 2 open EIO slots, HP Jetdirect Embedded Print Server standard on n/dn/dtn/ph+ models
a high monthly duty cycle	80,000 pages	100,000 pages
expandable memory	128 MB RAM expandable up to 512 MB	160 MB RAM expandable up to 544 MB

Key Features

Keep costs down with Colour Access Controls

Enjoy all the advantages of colour without incurring unnecessary expense. Colour Access Controls help you protect your investment, while still reaping the benefits of printing in colour when you need to. Control when and how colour is used in your workgroup with colour copy lockout. Web Jetadmin can also be used to track colour usage and supply customised reports detailing usage by application, user or specific jobs.

The HP Smart supplies advantage

HP Smart Printing Technology¹ in both HP printing supplies and the printer work together with HP ColorSphere Toner to make automatic adjustments that optimise print quality for reliable, consistent results every time you print.

HP Imageret 3600 technology

HP Imageret is a technology that provides the best colour print quality without having to change driver settings or make trade-offs between print quality, performance, and memory. This HP-developed technology provides 3,600 dots per inch (dpi) through a multi-level printing process that controls colour by combining up to four colours within a single dot and by varying the amount of toner in a given area. The result is millions of smooth colours, sharp images and crisp text. There is no loss of quality as uneven text edges are smoothed with special adaptive half toning, and trapping technology prevents white edges from showing around text on a coloured background.

¹ Using genuine HP supplies ensures availability of all HP printing features.

Technical specifications

Print technology	In-line colour laser printing technology		
Print speed	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.		
Processor	533 MHz, MIPS RISC		
Memory	CP4005n: 128 MB; CP4005dn: 256 MB; Expandable to 512 MB RAM through one industry-standard DIMM slot.		
Print resolution	Up to 600 x 600 dpi		
Print quality	HP ImageREt 3600		
Printer languages	HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, direct PDF printing v 1.4		
Typefaces/fonts	93 internal TrueType fonts scalable in HP PCL and HP Postscript Level 3 emulation		
Duty cycle	Up to 80,000 pages per month		
Print margins	top: 5 mm, left: 5 mm, right: 5 mm, bottom: 5 mm		
Media handling	Input	Capacity	Weight Size
	Tray 1	sheets: 100, transparencies: 60 envelopes: 20	60 to 220 g/m ² 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 ² A4, A5, B5 (JIS), executive (JIS), 16K, 148 x 210 to 216 x 356mm
	Tray 3	sheets: 500	60 to 120 g/m ² A4, A5, B5 (JIS), executive (JIS), 16K, 148 x 210 to 216 x 356mm
	Duplex Printing:	CP4005n: Manual (driver support provided) CP4005dn: Automatic (standard)	60 to 120 g/m ² A4, B5, B5 (JIS)
	Output	Sheets: Up to 500. Envelopes: Up to 20. Transparencies: Up to 100	
Media types	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		
Interface & connectivity	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		
Operating systems compatibility	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: http://www.hp.com/support/ljcp4005		
Network operating systems compatibility	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.		
Minimum system requirements	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		
Software	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		
Control panel	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		
Printer management	HP Embedded Web Server, HP Web Jetadmin, HP Easy Printer Care Software, HP LaserJet utility		
Power 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)		
Dimensions (w x d x h)	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		
Weight	Out of package: CP4005n: 47.8 Kg; CP4005dn: 49.2 Kg; Packaged: CP4005n: 64.2 kg; CP4005dn: 66 kg		
Operating environment	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)		
Product certification	For a complete list of product certification, please refer to http://www.hp.com		
Warranty	One-year, next-day, onsite warranty; optional HP Care Pack services.		

Ordering information

CB503A	HP Color LaserJet CP4005nPrinter
CB504A	HP Color LaserJet CP4005dn Printer
Accessories	
Q7721A	HP 128 MB DDR 200-pin SDRAM DIMM
Q7722A	HP 256 MB DDR 200-pin SDRAM DIMM
Q7723A	HP 512 MB DDR 200-pin SDRAM DIMM
Q7499A	HP 500-sheet Input Tray
Q7502A	HP 110V Image Fuser Kit (150,000 pages)
Q7503A	HP 220V Image Fuser Kit (150,000 pages)
Q7504A	HP Image Transfer Kit (120,000 pages)
Q7501A	HP Printer Stand
Print servers & network software	
J7942G	HP Jetdirect en3700 External Print Server (USB, 10/100TX)
J7951G	HP Jetdirect ew2400 802.11g Wireless and Fast Ethernet External Print Server
Laser Printer Supplies	
CB400A	Black Print Cartridge with ColorSphere Toner Approx. 7,500 pages at 5% coverage
CB401A	Cyan Print Cartridge with ColorSphere Toner Approx. 7,500 pages at 5% coverage
CB402A	Yellow Print Cartridge with ColorSphere Toner Approx. 7,500 pages at 5% coverage
CB403A	Magenta Print Cartridge with ColorSphere Toner Approx. 7,500 pages at 5% coverage
Service & support	
UG825A/E	HP Care Pack, Next-Business-Day Response On-Site, 3 years
UG826E	HP Care Pack, Next-Business-Day Response On-Site, 4 years
UG827E	HP Care Pack, Next-Business-Day Response On-Site, 5 years
UG829A/E	HP Care Pack, Response Within 4 Hours, 3 years
UG832PE	HP Care Pack, Post Warranty Next-Business Day On-Site Response, 1 year
UG833PE	HP Care Pack, Post Warranty Response Within 4 Hours, 1 year

For a complete list of supplies, accessories and services, please refer to <http://www.hp.com>

Technical specifications

Print technology	In-line colour laser printing technology			
Print speed	A4 black: Up to 30 ppm, colour: Up to 30 ppm First page out Black: < 10 sec, colour: < 10 sec Exact speed varies depending on the system configuration, software application, driver, and document complexity.			
Processor	533 MHz, MIPS RISC			
Memory	CLJ4700n: 160 MB; CLJ4700dn: 288 MB; CLJ4700dtn: 288 MB; CLJ4700ph+: 544 MB; CLJ4700: 160 MB; Expandable to 544 MB through 1 available DDR SODIMM slot, 2 available flash memory card slots for fonts or third party solutions			
Print resolution	Up to 600 x 600 dpi			
Print quality	HP ImageREt 3600			
Printer languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, direct PDF printing Typefaces/fonts 93 internal TrueType fonts scalable in HP PCL and HP Postscript Level 3 emulation; additional font solutions available via flash memory			
Duty cycle	Up to 100,000 pages per month			
Print margins	top: 5 mm, left: 5 mm, right: 5 mm, bottom: 5 mm			
Maximum print area	205.9 x 345.6			
Media handling	Input	Capacity	Weight	Size
	Tray 1	100 sheets 60 transparencies 20 envelopes	60 to 220 g/m ²	A4, A5, B5 (JIS), envelopes (DL, C5, B5), 76 x 127 to 216 x 356 mm
	Tray 2.5	500 sheets	60 to 120 g/m ²	A4, A5, B5 (JIS)
	Output:	Up to 500 sheets (4700ph+): up to 750 sheets),		
	Duplex:	Automatic, 30 images per minute (standard with the 4700dn/dtn/ph+; 4700/n not upgradeable, manual duplex available)		
	Duplex media size: A4, B5 Duplex media weight: 120 g/m ²			
Media types	Paper (plain, glossy, coloured, preprinted, letterhead, recycled, HP tough and high gloss laser), envelopes, transparencies, labels, cardstock			
Interface & connectivity	CLJ4700n: IEEE 1284-C compliant bi-directional parallel port, 1 USB 2.0 port, HP Jetdirect Embedded Print Server, 2 open EIO slots, 1 auxiliary port, 1 accessory port; CLJ4700dn: IEEE 1284-C compliant bi-directional parallel port, 1 USB 2.0 port, HP Jetdirect Embedded Print Server, 2 open EIO slots, 1 auxiliary port, 1 accessory port; CLJ4700dtn: IEEE 1284-C compliant bi-directional parallel port, 1 USB 2.0 port, HP Jetdirect Embedded Print Server, 2 open EIO slots, 1 auxiliary port, 1 accessory port; CLJ4700ph+: IEEE 1284-C compliant bi-directional parallel port, 1 USB 2.0 port, HP Jetdirect Embedded Print Server, 1 hard disk drive, 2 open EIO slots, 1 auxiliary port, 1 accessory port; CLJ4700: IEEE 1284-C compliant bi-directional parallel port, 1 USB 2.0 port, 2 open EIO slots, 1 auxiliary port, 1 accessory port; optional: HP Jetdirect internal and external print servers, HP wireless print servers; Bluetooth Wireless Printer Adapter			
Operating systems compatibility	Microsoft® Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003; Mac OS 9.x or higher; Mac OS X v 10.1 or higher Optional: OS/2, UNIX, Linux, HP OpenVMS, Current HP printer drivers and software can be obtained from the HP Customer Care web site, http://www.hp.com/support/clj4700			
Network operating systems compatibility	Microsoft® Windows® (NT 4.0, 2000, XP Home, XP Professional, XP 64-bit, XP Professional x64 Edition, Server 2003); Mac OS (8.6 or higher); Novell NetWare 3.2, 4.2, 5.x, 6.x (NDPS); Red Hat Linux 6.x, 7.x; SuSE Linux 6.x; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM® AIX 3.2.5 or higher; MPE-iX; Citrix MetaFrame; Windows Terminal Services, optional: Microsoft® Windows® 2000, XP Home, XP Professional, XP Professional x64 Edition, Server 2003; Mac OS 9.x; Mac OS X			
Minimum system requirements	Microsoft® Windows® 2000: 133 MHz processor, 64 MB RAM; Windows XP: 233 MHz processor, 64 MB RAM; Windows Server 2003 (standard edition): 550 MHz processor, 128 MB RAM; 220 MB of free hard disk space, CD-ROM drive or Internet connection, IEEE 1284-compliant bidirectional parallel port, USB 1.1 port, USB 2.0 port, Mac OS 9, Mac OS X v 10.2 or higher, 160 MB available hard disk space, CD-ROM drive, USB port			
Software	Print drivers and installation software on CD-ROM (HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, Macintosh software, PostScript Printer Description)			
Control panel	LCD backlit panel display with up to 4 lines of text and animated graphics. 3 LED status lights. Menu, Select, Stop, Back/Exit buttons.			
Printer management	HP Embedded Web Server, HP Web Jetadmin, HP Easy Printer Care Software			
Power	Requirements: Input voltage 100 to 127 VAC (+/- 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 (active); Typical Electricity Consumption (TEC): 6.522 kWh/Week			
Dimensions (w x d x h)	Out of package: CLJ4700n: 521 x 598 x 582 mm; CLJ4700dn: 521 x 598 x 628.6 mm; CLJ4700dtn: 630 x 715 x 1010.6 mm; CLJ4700ph+: 630 x 715 x 1375.5 mm; CLJ4700: 521 x 598 x 582 mm Packaged: CLJ4700n: 813 x 661 x 853 mm; CLJ4700dn: 813 x 661 x 853 mm; CLJ4700dtn: 1200 x 1000 x 936 mm; CLJ4700ph+: 1200 x 1000 x 1363 mm; CLJ4700: 813 x 661 x 853 mm			
Weight	Out of package: CLJ4700n: 47.85 kg; CLJ4700dn: 49.21 kg; CLJ4700dtn: 99.56 kg; CLJ4700ph+: 125.19 kg; CLJ4700: 47.85 kg Packaged: CLJ4700n: 66.45 kg; CLJ4700dn: 66.45 kg; CLJ4700dtn: 146.99 kg; CLJ4700ph+: 179.95 kg; CLJ4700: 66.45 kg			
Operating environment	Operating temperature: 10 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)			
Product certification	For a complete list of product certification, please refer to http://www.hp.com			
Warranty	One-year, next-day, onsite warranty; optional HP Care Pack services.			

Ordering information

Q7492A	HP Color LaserJet 4700n Printer
Q7493A	HP Color LaserJet 4700dn Printer
Q7494A	HP Color LaserJet 4700dtn Printer
Q7495A	HP Color LaserJet 4700ph+ Printer
Q7491A	HP Color LaserJet 4700 Printer
Accessories	
Q7003A	HP Color LaserJet 4700 Stapler/Stacker
C8091A	HP Staple Cartridge
Q7499A	HP 500-sheet Input Tray
Q7501A	HP Printer Stand
J6073A	HP high-performance EIO hard disk
Q7502A	HP 110V Image Fuser Kit (150,000 pages)
Q7503A	HP 220V Image Fuser Kit (150,000 pages)
Q7504A	HP Image Transfer Kit (120,000 pages)
Print servers & network software	
J7934A	HP Jetdirect 620n Internal Print Server
J7961A	HP Jetdirect 635n IPv6 IPsec Print Server
Laser Printer Supplies	
Q5950A	Black Print Cartridge with ColorSphere Toner Approx. 11,000 pages at 5% coverage
Q5951A	Cyan Print Cartridge with ColorSphere Toner Approx. 10,000 pages at 5% coverage
Q5952A	Yellow Print Cartridge with ColorSphere Toner Approx. 10,000 pages at 5% coverage
Q5953A	Magenta Print Cartridge with ColorSphere Toner Approx. 10,000 pages at 5% coverage
Service & support	
H3113A/E	HP Care Pack, Next-Business-Day Response On-Site, 3 years
H3118A/E	HP Care Pack, Response Within 4 Hours, 3 years
H3183PA/PE	HP Care Pack, Post Warranty Next-Business Day On-Site Response, 1 year
U2034PA/PE	HP Care Pack, Post Warranty Response Within 4 Hours, 1 year
H2872A/E	HP Care Pack: Installation & Network Configuration

For a complete list of supplies, accessories and services, please refer to <http://www.hp.com>

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



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