



# HP COLOR LASERJET ENTERPRISE CP4520 PRINTER SERIES

CP4525n • CP4525dn • CP4525xh

**This color laser printer with enterprise-ready networking is ideal for large workgroups that need to print high-impact color documents and protect their confidential print jobs.**

- Experience powerful color printing with HP's high-performance leader. Fast print speeds, robust paper handling, and simplified controls keep your business productive.
- Produce superior color, excellent photo-like quality, and crisp detail for your business documents.
- Protect your sensitive data with advanced on-board security and support for optional authentication solutions.



## Top-of-the-line performance

Boost your printing productivity with high-performance speeds up to 42 pages per minute (ppm) letter/40 ppm A4—ideal for large workgroups. Get a first page out in as fast as 9.5 seconds. Instant-on Technology enables print jobs to begin quickly from low-power mode and provides up to 50 percent energy savings over competitive laser products.<sup>1</sup>

Improve efficiency and simplify printing for multiple users and print jobs. HP Advanced Auto Media Sensing automatically adjusts settings according to paper type. An intuitive, 4-line color control panel with auto-navigational help makes printer operation easy and straightforward.

With twenty-five years of continuous innovation and reliable, professional-quality printing, HP LaserJet remains the brand businesses count on.

## Exceptional color output

Make a statement with high-impact color documents. The improved HP Universal Print Driver with HP EasyColor simplifies color printing and improves the rendering of images for consistent print quality.<sup>2</sup> With HP ImageREt 3600 and up to 1200 x 1200 dpi, you'll get superior results: smooth color transitions, crisp text, and sharp images for all of your office documents and professional marketing materials.

Manage your color printing costs using HP color access controls.<sup>3</sup> Assign color access by user, time of day, or application, or shut color capability down completely until it's needed for special projects. This ensures that the people who truly need to leverage the power of color—such as your marketing department—can, while others automatically default to black-and-white printing.

## Advanced on-board security

Secure your business-critical data with the HP Secure Hard Disk,<sup>4</sup> expand the number of IP addresses on your network with IPv6, and implement sophisticated network access control with 802.1x authentication and IPsec encryption. Keep sensitive material private when you retrieve stored confidential print jobs using the control panel.

Conveniently connect an optional security card reader or other authentication device with the Hi-Speed USB 2.0 port.

## ecoHIGHLIGHTS

### HP Color LaserJet Enterprise CP4520 Printer series

#### ECO INFORMATION

- Reduce energy use up to 50 percent with Instant-on Technology<sup>1</sup>
- Reduce paper use by up to 50 percent using automatic two-sided printing (CP4525dn and CP4525xh)
- Free, convenient cartridge recycling in over 49 countries



ENERGY STAR<sup>®</sup> Qualified Product  
(CP4525dn and CP4525xh models)

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.



<sup>1</sup> Energy savings based on HP testing using the ENERGY STAR program's Typical Energy Consumption (TEC) method on HP LaserJet products with Instant-on Technology vs. top competitive models as of March 2009.

<sup>2</sup> HP EasyColor is available on HP Universal Print Drivers—available for free download at [www.hp.com/go/upd](http://www.hp.com/go/upd).

<sup>3</sup> Color access control capabilities vary from device to device.

<sup>4</sup> The HP Secure Hard Disk is standard on the CP4525xh model and optional for the CP4525n and CP4525dn models.

# HP COLOR LASERJET ENTERPRISE CP4520 PRINTER SERIES

- 1 Control panel with four-line color display
- 2 500-sheet output bin
- 3 Front door allows convenient access to four, all-in-one HP print cartridges
- 4 Built-in automatic two-sided printing
- 5 Four 500-sheet input trays for a 2,100-sheet total input capacity
- 6 100-sheet multipurpose tray 1 handles heavy custom media up to 220 g/m<sup>2</sup> (58 lb bond)
- 7 Hi-Speed USB 2.0 port
- 8 HP Jetdirect Gigabit Ethernet embedded print server
- 9 HP Secure High Performance embedded hard disk
- 10 1 GB (1024 MB) total memory and an 800 MHz processor quickly handle complex print jobs
- 11 One open EIO slot
- 12 Access port for optional Kensington-style lock

HP Color LaserJet Enterprise CP4525xh Printer shown



Front view

I/O panel close-up



## Series at a glance



CP4525n Printer



CP4525dn Printer



CP4525xh Printer

	CP4525n Printer	CP4525dn Printer	CP4525xh Printer
<b>Part number</b>	CC493A	CC494A	CC495A
<b>100-sheet multipurpose tray 1</b>	✓	✓	✓
<b>500-sheet tray 2</b>	✓	✓	✓
<b>3 x 500-sheet Paper Feeder and Stand</b>	Optional	Optional	✓
<b>500-sheet Paper Feeder and Cabinet</b>	Optional	Optional	
<b>Postcard Media Insert Tray</b>	Optional	Optional	Optional
<b>Two-sided printing</b>	Manual	Automatic	Automatic
<b>HP Jetdirect Gigabit Ethernet embedded print server</b>	✓	✓	✓
<b>Memory</b>	512 MB, expandable to 1 GB (1024 MB)	512 MB, expandable to 1 GB (1024 MB)	1 GB (1024 MB)
<b>HP Secure High Performance Hard Disk</b>	Optional	Optional	✓
<b>ENERGY STAR qualified</b>		✓	✓

# High-volume color for the enterprise

Not only does this printer offer ultra-fast print speeds and a design that is easy for multiple users to operate and maintain, your workgroup will gain efficiencies with a host of features designed specifically for high-volume enterprise environments:

- Cost-effective office printing with the optional high-capacity black toner cartridge<sup>5</sup> and HP color access controls
- An optional HP 500-sheet Paper Feeder and Cabinet for an input capacity of up to 1,100 sheets and convenient paper storage, or an optional HP 3 x 500-sheet Paper Feeder for an input capacity of up to 2,100 sheets (standard on the CP4525xh model)
- Secure storage for sensitive materials with the HP Secure High Performance Hard Disk<sup>6</sup>
- An optional HP Postcard Media Insert Tray for efficiently printing stacks of postcards for office mailings or marketing campaigns
- Streamlined fleet management with HP Web Jetadmin: configure optimal settings across your entire printer fleet, access device information from anywhere on the network, receive instant e-mail notifications detailing device or supply issues, and fix problems before they impact users

## Get the most out of your printer with HP accessories, supplies, and services.

### HP 500-sheet Paper Feeder and Cabinet

Spend less time loading paper with a total input capacity of up to 1,100 sheets. The 500-sheet feeder supports a range of paper types and sizes, and you can use the cabinet for convenient paper storage.



CC422A

### HP 3 x 500-sheet Paper Feeder and Stand

Increase office productivity with a total input capacity of up to 2,100 sheets. With support for a range of paper types and sizes, you can use each tray for a different paper type to minimize interruptions.



CC423A

## HP Services

Because 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 predictable, consistent service delivery—even across multiple locations.

Recommended services:

- **Installation Service with Network Configuration:** expert assembly of HP accessories, hardware verification, network configuration, and basic administrator familiarization
- **Same Day Onsite Service:** an HP technician or authorized service provider arrives at your site within four hours after the service call is received, if this time falls within the coverage window
- **Next Day Onsite Service:** a technician delivers onsite service the next business day after the service call is received

These services and additional coverage 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 **HP Managed Print Services:** scalable assessment, procurement, implementation, management, maintenance, support, and workflow services.

For more information, visit [www.hp.com/go/printservices](http://www.hp.com/go/printservices).

### HP Color LaserJet Print Cartridges with HP ColorSphere Toner<sup>7</sup>

Black Print Cartridge (8,500 pages)	CE260A
Black Print Cartridge, high capacity (17,000 pages)	CE260X
Cyan Print Cartridge (11,000 pages)	CE261A
Yellow Print Cartridge (11,000 pages)	CE262A
Magenta Print Cartridge (11,000 pages)	CE263A

#### Supplies

Toner Collection Unit (36,000 pages) <sup>8</sup>	CE265A
110 Volt Fuser Kit	CE246A
220 Volt Fuser Kit	CE247A
Transfer Kit	CE249A

#### Accessories

HP 500-sheet Paper Feeder and Cabinet	CC422A
HP 3 x 500-sheet Paper Feeder and Stand	CC423A
HP Postcard Media Insert Tray	CC497A

#### Memory/storage

HP 256 MB DDR2 200-pin x32 DIMM	CE466A
HP 512 MB DDR2 200-pin x32 DIMM	CE467A
HP Secure High Performance EIO Hard Disk	J8019A

#### Connectivity

HP Jetdirect 620n Fast Ethernet Print Server	J7934G
HP Jetdirect 635n IPv6/IPsec Print Server	J7961G
HP Jetdirect 690n IPv6/IPsec 802.11g Wireless Print Server	J8007G
HP Jetdirect ew2500 802.11b/g Wireless Print Server	J8021A
HP 1284B Parallel Card	J7972G

#### HP Care Pack Services

HP 3-year Next Business Day Onsite Service	US186E
HP Network Installation Service with Network Setup	H2872E
HP 3-year Same Day Onsite Service (9x5)	UT443E
HP 3-year Same Day Onsite Service (13x5)	UT442E
HP 4-year Next Business Day Onsite Service	US188E
HP 5-year Same Day Onsite Service	US189E

#### Paper

North America: <a href="http://www.hp.com/go/paper">www.hp.com/go/paper</a>
Europe: <a href="http://www.hp.com/go/learnaboutsupplies">www.hp.com/go/learnaboutsupplies</a>
Asia Pacific: <a href="http://www.hp.com/apac/printingsupplies">www.hp.com/apac/printingsupplies</a>
Latin America: contact HP via phone:
USA: 1-800-477-5010, Europe: +800 7644 7644, Asia: 65-6253-8500
Australia/New Zealand: 61-2997-2299LAR, Brasil: sac 0800 70 300 70

#### Software

HP Web Jetadmin: <a href="http://www.hp.com/go/webjetadmin">www.hp.com/go/webjetadmin</a>
HP Easy Printer Care: <a href="http://www.hp.com/go/easyprintercare">www.hp.com/go/easyprintercare</a>
HP Universal Print Driver: <a href="http://www.hp.com/go/upd">www.hp.com/go/upd</a>
HP Install Network Printer Wizard: <a href="http://www.hp.com/go/inpw_sw">www.hp.com/go/inpw_sw</a>

#### Solutions

HP BarCodes and More USB Solution	HG281US
HP Scalable BarCode Set USB Solution	HG282UT
HP BarCode Printing USB Solution	HG271US
HP MICR USB Solution	HG283US
HP LaserJet Fonts and IPDS Emulation available at <a href="http://www.hp.com/go/laserjetfonts">www.hp.com/go/laserjetfonts</a>	
For more solutions information, please visit <a href="http://www.hp.com/go/gsc">www.hp.com/go/gsc</a>	

<sup>5</sup> Not included. Please purchase separately.

<sup>6</sup> The HP Secure Hard Disk is standard on the CP4525xh model and optional for the CP4525n and CP4525dn models.

<sup>7</sup> Average continuous composite cyan/yellow/magenta cartridge yield 11,000 standard pages and average continuous black cartridge yield 8,500 standard pages (CE260A) and average continuous black cartridge high-capacity yield 17,000 standard pages (CE260X). Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For details see [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

<sup>8</sup> Toner Collection Unit capacity approximately 36,000 pages (individual experience may vary considerably based on images printed, media used, environmental conditions and other factors).

# HP COLOR LASERJET ENTERPRISE CP4520 PRINTER SERIES

Technical specifications	HP Color LaserJet Enterprise CP4525n Printer (CC493A)	HP Color LaserJet Enterprise CP4525dn Printer (CC494A)	HP Color LaserJet Enterprise CP4525xh Printer (CC495A)
<b>Print speed (color and black-only)<sup>9</sup></b>	Up to 40 ppm, A4 (up to 42 ppm, letter)		
<b>First page out</b>	As fast as 9.5 seconds from Ready (A4/letter)		
<b>Print resolution</b>	HP ImageREt 3600 technology; 1200 x 1200 dpi for fine details and line art		
<b>Control panel</b>	2.03-in LCD, 64 x 160 pixels, 4-line, color control panel display; 7 front-panel buttons (Menu, Select, Stop, Back/Exit, Help, Up arrow, Down arrow); 3 LED status lights (Attention, Data, Ready); enhanced help with animated graphics		
<b>Processor</b>	800 MHz		
<b>Memory</b>	512 MB, expandable to 1 GB (1024 MB) via one available 200-pin-x32 SODIMM slot		1 GB (1024 MB)
<b>Hard disk</b>	Optional via EIO slot		HP Secure High Performance embedded hard disk
<b>Durability ratings</b>	Recommended monthly volume: 2,500 to 10,000 pages; <sup>10</sup> Duty cycle: up to 120,000 pages (A4/letter) <sup>11</sup>		
<b>Paper</b>	100-sheet multipurpose tray, 500-sheet tray (optional HP 500-sheet Paper Feeder and Cabinet or HP 3 x 500-sheet Paper Feeder and Stand, optional HP Postcard Media Insert Tray)		100-sheet multipurpose tray, 500-sheet tray, 3 x 500-sheet Paper Feeder and Stand (optional HP Postcard Media Insert Tray)
<b>Input</b>	500-sheet output bin		
<b>Output</b>	Automatic		
<b>Two-sided printing</b>	Manual (driver support provided)		Automatic
<b>Sizes</b>	Multipurpose tray: 76 x 127 mm (3 x 5 in) to 216 x 356 mm (8.5 x 14 in); A4, A5, A6, B5 (JIS), B6 (JIS), 16K; letter, legal, 5 x 8 in, 8.5 x 13 in, statement, executive, postcard, dpostcard, 3 x 5 in, 4 x 6 in; envelopes (C5, B5, C6, DL ISO, No. 9, No. 10, Monarch 7¾) 500-sheet input trays: 148 x 210 mm (5.83 x 8.27 in) to 216 x 356 mm (8.5 x 14 in); A4, A5, B5 (JIS), 16K; letter, legal, 5 x 8 in, 8.5 x 13 in, statement, executive; optional HP Postcard Media Insert Tray must be installed in Tray 2 for 10 x 15 cm (4 x 6 in) Automatic two-sided printing: A4, A5, B5 (JIS), 16K; letter, legal, executive		
<b>Weights</b>	Multipurpose tray: 60 to 220 g/m <sup>2</sup> (16 to 58 lb) 500-sheet input trays, automatic two-sided printing: 60 to 120 g/m <sup>2</sup> (16 to 32 lb) plain paper; 105 to 220 g/m <sup>2</sup> (28 to 58 lb) glossy paper		
<b>Types</b>	Paper (plain, light, bond, recycled, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy, preprinted, prepunched, colored, rough), color transparency, labels, letterhead, envelope, opaque film, user-defined		
<b>Interfaces</b>	Hi-Speed USB 2.0 port, RJ-45 port (10/100/1000 Base-TX), EIO slot		
<b>Network capabilities</b>	Via HP Jetdirect 10/100/1000 Base-TX Ethernet embedded print server (standard), IPsec (standard), SNMP3, 802.1x wireless (optional), TC/IP support (optional)		
<b>Languages</b>	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, direct PDF printing v 1.4		
<b>Fonts</b>	93 internal TrueType fonts scalable in HP PCL and HP postscript level 3 emulation		
<b>Operating systems</b>	Works with Windows <sup>®</sup> 7 Home Basic, Windows 7 Home Premium, Windows 7 Professional, Windows 7 Enterprise, Windows 7 Ultimate, Windows 7 x64, Windows Vista <sup>®</sup> , Windows Vista Premium, Windows XP <sup>®</sup> Professional, Windows XP Home, Windows Server 2003, Windows Server 2003 (32/64 bit), Windows Server 2008, Windows XP Professional x64 (IPv6 only supported on Windows 2003, Windows XP Professional, and Windows XP Home); IPsec on IPv4 only on Windows 2003, Windows XP Professional, and Windows XP Home), Novell NetWare 5.1 or higher, Mac OS X v 10.3 or higher, SAP, Linux (see <a href="http://www.hplip.net">www.hplip.net</a> ), Red Hat Linux 7.x or higher, SuSE Linux 8.x or higher, HP-UX 10.20, 11.x, 11.i, Solaris 2.5 or higher (SPARC) (SPARC-based systems only), AIX 3.2.5 or higher, MPE-iX, Citrix Presentation Server 4.0 and 4.5, Citrix XenApp Server 5.0, Windows 2003 and 2008 Terminal Services		
<b>Network protocols</b>	IPv4/IPv6: Apple Bonjour compatible (Mac OS 10.2.4 and higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: IPX/SPX, AppleTalk, NetWare NDS, Bindery, NDPS, iPrint		
<b>Security</b>	SNMPv3; SSL/TLS; 802.1x authentication (EAP-PEAP, EAP-TLS); IPsec/Firewall with certificate authentication, Pre-Shared Key authentication, Kerberos authentication; support for HP Web Jetadmin with IPsec configuration; access port for optional Kensington-style lock		
<b>Dimensions (width x depth x height)</b>	540 x 522 x 420 mm (21.3 x 20.6 x 16.5 in)		662 x 651 x 964 mm (26.1 x 25.7 x 38.0 in)
<b>Weight (without print cartridge)</b>	38.5 kg (84.6 lb)		64.1 kg (141.1 lb)
<b>What's in the box</b>	Printer; power cable; 100-sheet multipurpose tray; 500-sheet input tray; HP Jetdirect Gigabit Ethernet embedded print server; HP LaserJet Black Print Cartridge (8500 pages <sup>12</sup> ); HP Color LaserJet Cyan, Yellow, and Magenta Print Cartridges with HP ColorSphere Toner (11,000 pages <sup>12</sup> ); Hardware and Software Installation Guide; CD-ROM with software drivers and documentation		
<b>Also includes</b>	Automatic two-sided printing		Automatic two-sided printing, 3 x 500-sheet feeder with stand, HP Secure High Performance embedded hard disk
<b>Warranty</b>	One-year, next-day, onsite warranty		

<b>Environmental ranges</b>	Recommended temperature: 15 to 27° C (59 to 80.6° F) Storage temperature: 0 to 35° C (32 to 95° F) Recommended relative humidity: 30 to 70% Storage relative humidity: 10 to 90% Altitude: 0 to 3000 m (0 to 9842 ft)	Typical Electricity Consumption (TEC): 6.485 kWh/Week ENERGY STAR qualified models, see <a href="http://www.hp.com/go/energystar">www.hp.com/go/energystar</a> .
<b>Acoustics</b>	Sound power emissions <sup>13</sup> : Active: 6.9 B(A); Ready: 5.0 B(A) Sound pressure (bystander position): Idle: 35 dB; Operating: 54 dB	<b>Safety approvals and requirements</b> IEC 60950-1 (International); EN 60950-1+A11 (EU); IEC 60825-1+A1+A2; NRTL Listed (US/Canada); GS License (Europe); EN 60825-1+A1+A2 (Class 1 Laser/LED Device) GB4943-2001; Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries
<b>Power specifications</b>	Power supply required: Input voltage 110 to 127 VAC (±10%), 50/60 Hz (±2 Hz); 220 to 240 VAC (±10%), 50/60 Hz (±2 Hz) Power consumption <sup>14</sup> : Active: 740 watts; Standby: 72 watts; PowerSave: 19.0 watts; Off: 0.3 watts	<b>Electromagnetic emission standard</b> CISPR 22: 2005/EN 55022: 2006 Class A, EN 61000-3-2: 2006, EN 61000-3-3: 1995+A1+A2, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class A (USA), ICES-003, Issue 4, (Canada), GB9254-1998, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries
		Supports HP SureSupply. <sup>15</sup> For more information, visit <a href="http://www.hp.com/go/SureSupply">www.hp.com/go/SureSupply</a> .

<sup>9</sup> Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>10</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>11</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>12</sup> Average continuous composite cyan/yellow/magenta cartridge yield 11,000 standard pages and average continuous black cartridge yield 8,500 standard pages. Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For details see [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

<sup>13</sup> Declared per ISO 9296 and 7729; values are subject to change. Configuration tested: HP Color LaserJet CP4525dn, printing at 40 ppm on A4 paper.

<sup>14</sup> Values subject to change. Power numbers are the highest values measured using all standard voltages.

<sup>15</sup> HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required.



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