HP Color LaserJet Enterprise CM4540 Multifunction Printer series

Ideal for enterprise, medium and small businesses wanting a reliable workgroup colour solution with high quality, multifunction capabilities and a simple control panel; IT decision makers looking for market-leading management and security features.

Easily achieve brilliant colour output.

- Process jobs at the MFP with the award-winning HP Easy Select control panel. Print from the walk-up USB port with a flash drive.
- Achieve sharp contrast and bright colour with high-gloss HP ColorSphere toner. HP ImageREt delivers crisp, consistent detail.
- Save time with pre-installed Original HP LaserJet print cartridges and high-capacity black cartridges[1].
- Improve productivity with paper capacity up to 2,100 sheets[2]; sort, collate, staple or stack documents with a 900-sheet, 3-bin mailbox [3].

Experience market-leading fleet management and extensibility.

- Save time and money: manage printing fleets with industry-leading HP Web Jetadmin. Easily control who prints in colour with HP Color Access Controls.
- Simple setup wizards for save-to-folder and scan-to-email functions make digital workflows more efficient.
- Extend your MFP capabilities with a rich portfolio of HP and third-party solutions that are easy to integrate.
- Easily print from anywhere, anytime, with a smartphone, notebook PC or other mobile device, using HP ePrint[4].

Protect your data with advanced security features.

- Protect sensitive data stored on your HP MFP with the standard encrypted HP High-Performance Secure Hard Disk.
- Attach security solutions to the control panel's hardware integration pocket for a seamless appearance.
- Process jobs securely without compromising efficiency via PIN authentication. Expand the number of IP addresses on your network with IPv6, and implement network access control with IPsec.
- Create, print, scan and share sensitive business information securely via encrypted e-mail and PDFs.

ecoHIGHLIGHTS

- Reduce energy use by up to 50% with Instant-on Technology[1].
- Reduce paper use by up to 50% using automatic two-sided printing.
- Reduce clutter and waste – scan, store and share documents digitally.

ENERGY STAR® Qualified
Please recycle your computer hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.

www.hp.com/ecosolutions

[1] HP Color LaserJet CE264X Black print cartridge not included; please purchase separately.
[2] The 1x500 sheet paper feeder, 1x500 sheet paper feeder and cabinet and 3x500 sheet paper feeder and stand may be purchased separately for the CM4540 model.
[3] The 900-sheet, 3-bin stapling mailbox may be purchased separately for the CM4540 and CM4540f models.
[4] May require an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device and may require a firmware upgrade. For details, www.hp.com/go/ePrintCenter.

Series at a glance

HP Color LaserJet Enterprise CM4540 Multifunction Printer

- HP Color LaserJet Enterprise CM4540 MFP: print and copy speed of up to 40ppm
- up to 600 x 600 dpi effective output quality with HP ImageREt 3600
- 1280 MB RAM
- 800 MHz processor
- 2 Hi-Speed USB 2.0 ports
- 1 Gigabit Ethernet 10/100/1000Base-TX network port
- 1 open EIO slot
- 1 Foreign Interface port
- 1 Hardware Integration Pocket
- 3 Internal USB Host ports
- 100-sheet multipurpose tray
- one 500-sheet input tray
- 50-sheet Automatic Document Feeder (ADF)
- automatic two-sided printing

HP Color LaserJet Enterprise CM4540f Multifunction Printer

- HP Color LaserJet Enterprise CM4540f MFP: as base model with built-in analogue fax accessory
- fax speed up to 33.6 kbps
- 1 additional 500-sheet paper feeder with cabinet and stand

HP Color LaserJet Enterprise CM4540fskm Multifunction Printer

- HP Color LaserJet Enterprise CM4540fskm MFP: as base model with built-in analogue fax accessory
- fax speed up to 33.6 kbps
- 3 x 500-sheet paper feeder and stand
- additional 500-sheet input trays
- 900-sheet
- 3-bin stapling mailbox

Recommended accessories

CC422A
HP Color LaserJet 500-sheet Paper Feeder and Cabinet

CC423A
HP Color LaserJet 3x500-sheet Paper Feeder and Stand

CC424A
HP 900-sheet 3-bin Stapling Mailbox

CC425A
HP Color LaserJet 500-sheet Paper Tray

CC487A
HP LaserJet MFP Analog Fax Accessory 500

C8091A
HP Staple Cartridge Refill

CE248A
HP LaserJet MFP ADF Maintenance Kit

J8007G
HP Jetdirect 690n IPv6/IPSec 802.11g Wireless Print Server

J8021A
HP Jetdirect ew2500 802.11b/g Wireless Print Server

Operating and warranty specifications

Operating environment	Operating temperature: 10 to 30° C. Recommended operating temperature: 15 to 27° C. Operating humidity: 10 to 80% RH. Operating humidity recommended: 30 to 70% RH. Storage temperature: 0 to 35° C. Storage humidity: 10 to 90% RH. Noise level per ISO 9296: sound power: LwAd7.2 B(A)
Certifications	CISPR 22: 2005+A1/EN 55022: 2006+A1 Class A, EN 61000-3-2: 2006, EN 61000-3-3: 1995+A1+A2, EN 55024: 1998+A1+A2, FCC Title 47 CFR, GB 9254-2008, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries. Regulatory standards: IEC 60950-1 (International); EN 60950-1+A11 (EU); IEC 60825-1+A1+A2; GS License (Europe); EN 60825-1+A1+A2 (Class 1 Laser/LED Device); Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries. ENERGY STAR: Yes
Warranty	One-year, next business day, on-site warranty. Warranty and support options vary by product, country and local legal requirements.

Ordering information

HP Color LaserJet Enterprise CM4540 Multifunction Printer (CC419A)
HP Color LaserJet CM4540 MFP (100-sheet multipurpose tray; 500-sheet input tray; HP Jetdirect Gigabit Ethernet embedded print server); HP Color LaserJet Print cartridges standard capacity (1 each black, cyan, magenta, yellow); Toner collection unit; CD with software and documentation; Documentation (Getting Started Guide, Support flyer, Wall poster); power cord

HP Color LaserJet Enterprise CM4540f Multifunction Printer (CC420A)
HP Color LaserJet CM4540f MFP (100-sheet multipurpose tray; 500-sheet input tray; HP Jetdirect Gigabit Ethernet embedded print server); HP Color LaserJet Print cartridges standard capacity (1 each black, cyan, magenta, yellow); Toner collection unit; 1 x 500-sheet paper feeder with cabinet and stand; HP Analog fax accessory 500 (built-in); CD with software and documentation; Documentation (Getting Started Guide, Support flyer, Wall poster); power cord; phone cord

HP Color LaserJet Enterprise CM4540fskm Multifunction Printer (CC421A)
HP Color LaserJet CM4540fskm MFP (100-sheet multipurpose tray; 500-sheet input tray; HP Jetdirect Gigabit Ethernet embedded print server); HP Color LaserJet Print cartridges standard capacity (1 each black, cyan, magenta, yellow); Toner collection unit; 3 x 500-sheet paper feeder and stand; 900-sheet, 3-bin stapling mailbox; HP Analog fax accessory 500 (built-in); CD with software and documentation; Documentation (Getting Started Guide, Support flyer, Wall poster); power cord; phone cord

Accessories, Supplies and Support

Accessories

CC422A	HP Color LaserJet 500-sheet Paper Feeder and Cabinet
CC423A	HP Color LaserJet 3x500-sheet Paper Feeder and Stand
CC424A	HP 900-sheet 3-bin Stapling Mailbox
CC425A	HP Color LaserJet 500-sheet Paper Tray
CC487A	HP LaserJet MFP Analog Fax Accessory 500
C8091A	HP Staple Cartridge Refill
CE248A	HP LaserJet MFP ADF Maintenance Kit

Supplies

CE260A	HP Color LaserJet CE260A Black Print Cartridge Average cartridge yields 8500 standard pages. Declared yield value in accordance with ISO/IEC 19798*
CE264X	HP Color LaserJet CE264X Black Print Cartridge Average continuous Black Cartridge yield 17,000 standard pages. Declared yield value in accordance with ISO/IEC 19798 in continuous printing.
CF031A	HP Color LaserJet CF031A Cyan Print Cartridge Average continuous composite Cyan/Yellow/Magenta Cartridge yield 12,500 standard pages. Declared yield value in accordance with ISO/IEC 19798 in continuous printing.
CF032A	HP Color LaserJet CF032A Yellow Print Cartridge Average continuous composite Cyan/Yellow/Magenta Cartridge yield 12,500 standard pages. Declared yield value in accordance with ISO/IEC 19798 in continuous printing.
CF033A	HP Color LaserJet CF033A Magenta Print Cartridge Average continuous composite Cyan/Yellow/Magenta Cartridge yield 12,500 standard pages. Declared yield value in accordance with ISO/IEC 19798 in continuous printing.
CE246A	HP Color LaserJet CE246A 110V Fuser Kit (150,000 pages)
CE247A	HP Color LaserJet CE247A 220V Fuser Kit (150,000 pages)
CE249A	HP Color LaserJet CE249A Transfer Kit (150,000 pages)

Connectivity

J8007G	HP Jetdirect 690n IPv6/IPSec 802.11g Wireless Print Server
J8021A	HP Jetdirect ew2500 802.11b/g Wireless Print Server

Service & support

UV259E HP Care Pack, Next Business Day Color LaserJet Enterprise CM4540 MFP Hardware Support, 3 years
UV264E HP Care Pack, Next Business Day Color LaserJet Enterprise CM4540 MFP Hardware Support, 4 years
UV265E HP Care Pack, Next Business Day Color LaserJet Enterprise CM4540 MFP Hardware Support, 5 years
UV261E HP Care Pack, 4 Hour Response Time 13x5 Color LaserJet Enterprise CM4540 MFP Hardware Support, 3 years
UV262E HP Care Pack, 4 Hour Response Time 13x5 Color LaserJet Enterprise CM4540 MFP Hardware Support, 4 years
UV263E HP Care Pack, 4 Hour Response Time 13x5 Color LaserJet Enterprise CM4540 MFP Hardware Support, 5 years
UV285PE HP Care Pack, Post Warranty Next Business Day Color LaserJet Enterprise CM4540 MFP Hardware Support, 2 years
UV284PE HP Care Pack, Post Warranty Next Business Day Color LaserJet Enterprise CM4540 MFP Hardware Support, 1 year
UV288PE HP Care Pack, Post Warranty 4 Hour Response Time 13x5 Color LaserJet Enterprise CM4540 MFP Hardware Support, 1 year

For a complete list of supplies, accessories and services, please refer to http://www.hp.com
For workflow, device management and other solutions, please visit the Global Solutions catalog: www.hp.com/go/gsc

Count on dependable support to create the best image possible. We can help you enhance your printing and imaging environment, protect your IT investment, and grow your business—with expert support that's affordable, personal, and tailored to your needs through HP Care Pack Services.

Declared yield value for colour cartridges in accordance with ISO/IEC 19798. Declared yield value for black cartridge in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies

Technical specifications

Print technology	Laser
Print speed	A4black:Up to 40 ppm, color:Up to 40 ppm. Exact speed varies depending on the system configuration, software application, driver and document complexity.. Warm-up time:less thanAs fast as 194 sec
	Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
Processor	800 MHz. Intel® LE80578
Memory	1280 MB. Not expandable. Hard Disk Capacity:Standard, HP High-performance Secure Hard Disk (embedded)

Print		
	Quality	HP ImageREt 3600
	Resolution	Black:Up to 600 x 600 dpi, Color:Up to 600 x 600 dpi
	Printer languages	HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP Postscript level 3 emulation, native PDF printing (v 1.4)
	Typefaces/fonts	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards
	Duty cycle (monthly, A4)	Up to 175000 pages
	Recommended monthly page volume	5000 to 9000
	Print margins (mm)	Top:4.3 mm. Left:4.3 mm. Right:4.3 mm. Bottom:4.3 mm
	Maximum print area	215.9 x 355.6 mm

Fax		
	Modem speed	33.6 kbps
	Telecom compliance	Telecom: ES 203 021; R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); FCC Part 68; other Telecom approvals as required by individual countries
	Fax resolution	Standard:203 x 98 dpi. Fine:300 x 300 dpi. Superfine:300 x 300 dpi
	Quick dialing	Up to 100 numbers (each with 100 destinations). 100

Digital sending		
	File formats	Digital Send: PDF; JPEG; TIFF; MTIFF; XPS; PDF/A; Scan to walk-up USB: PDF; JPEG; TIFF; MTIFF; XPS; PDF/A; Print from walk-up USB: PDF; PS; Print Ready files (.prn, .pcl, .cht)
	Features	Standard:Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax. Optional:Optional via HP Digital Sending Software (HP DSS); secondary e-mail; send to folder; send-to-workflow; send-to-printer; authentication; digital fax (send to LAN, Windows 2000, Internet); OCR

Scan		
	Type	Flatbed, ADF. Colour scanning:Yes
	Scan resolution	Optical:Up to 600 dpi
	Bit depth	30-bit
	Grey scale levels	256
	Scannable area	Minimum media size:No minimum. Maximum media size:215.9 x 355.6 mm
	Margins for scanned items	Left:4.3 mm. Top:4.3 mm. Right:4.3 mm. Bottom:4.3 mm

Copy		
	Copy resolution	Up to 600 x 600 dpi (flatbed), up to 600 x 300 dpi (ADF)
	Multiple copies	Up to 9999 copies
	Reduce/enlarge	25 to 400%

Media handling	**Input:**	**Capacity**	**Weight**	**Size**
	Tray 1	sheets (75 g/m²): 100; labels, transparencies, cardstock (163 g/m²): 50; cardstock (216 g/m²): 30; envelopes: 10	60 to 216 g/m² (plain papers); 105 to 220 g/m² (glossy papers)	A4; A5; A6; B5 (JIS); B6 (JIS); envelopes (C5, B5, C6, DL ISO); Postcard; Dpostcard
	Tray 2	sheets (75 g/m²): 500; glossy paper (160 g/m²): 250; glossy paper (220 g/m²): 100	60 to 216 g/m² (plain papers); 105 to 220 g/m² (glossy papers)	A4; A5; B5 (JIS)
	Tray 3		60 to 216 g/m² (plain papers); 105 to 220 g/m² (glossy papers)	A4; A5; B5 (JIS)
	ADF	sheets: 50	60 to 120 g/m²	A4; A5; B5
	Duplex printing:Automatic (standard)			

Interface and connectivity	Optional:HP Jetdirect 690n IPv6/IPsec 802.11g Wireless Print Server J8007G; HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A. For more information on HP networking solutions visit http://www.hp.com/go/jetdirect
Operating systems compatibility	Windows® 7 32-bit and 64-bit; Windows Vista® 32-bit and 64-bit; Microsoft® Windows® XP 32-bit or 64-bit (SP2 or higher), Server 2008 32-bit and 64-bit, and 2008 R2 Edition, Server 2003 32-bit and 64-bit; Citrix® and Windows® Terminal Services (see whitepapers at http://www.hp.com/go/upd, Documentation tab); Novell® (see http://www.novell.com/iprint); Mac OS X v10.4 or higher; Linux (see http://www.hplip.net); UNIX, SAP device types. Current HP printer drivers and software can be obtained from the HP Customer Care Web site: http://www.hp.com/go/cljcm4540mfp_software
Network operating systems compatibility	Windows® 7 32-bit and 64-bit; Windows Vista® 32-bit and 64-bit; Microsoft® Windows® XP 32-bit or 64-bit (SP2 or higher), Server 2008 32-bit and 64-bit, and 2008 R2 Edition, Server 2003 32-bit and 64-bit; Citrix® and Windows® Terminal Services (see whitepapers at http://www.hp.com/go/upd, Documentation tab); Novell® (see http://www.novell.com/iprint); Mac OS X v10.4 or higher; Linux (see http://www.hplip.net); UNIX, SAP device types
Minimum system requirements	Windows® 7; Windows Vista®; Microsoft® Windows® XP SP2 or higher, Server 2003, Server 2008; operating system compatible hardware system requirements, see http://www.microsoft.com system requirements; 220 MB available hard disk space. Mac OS X v10.4 or higher; operating system compatible hardware system requirements, see: http://www.apple.com; 150 MB free hard disk space
Standard software	Windows® print driver (HP PCL 6 discrete); SNP alerts; Mac print driver; Installation software on CD-ROM for Microsoft® Windows® and Mac. Drivers on the web:Windows® Printing system; PCL 6 discrete driver only; UPD PCL 6; UPD PCL 5, UPD Postscript; HP Web Jetadmin; HP PC Send Fax Driver; HP Save-to-Folder setup wizard; HP Send-to-Email setup wizard; Mac driver; Linux driver; UNIX model scripts
Control panel	Rotating (adjustable angle); 20.5 cm colour graphical display; touchscreen; job control buttons (Start, Stop, Sleep, Reset, Clear, Brightness Up/Down); numeric keypad; LED status lights (Ready, Data, Attention, Sleep); Hardware Integration Pocket; walk-up USB
Power	Requirements:Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6 A. Consumption:780 watts (printing), 850 watts (copy or scan), 91 watts (standby), 21.5 watts (sleep), 0.3 watts (manual-off). Typical electricity consumption (TEC) 8.062 kWh/Week. Values subject to change. Power numbers are the highest values measured using all standard voltages.
Dimensions (w x d x h)	Out of package:CM4540:905 x 623 x 575 mm; CM4540f:909 x 668 x 1119 mm; CM4540fskm:1072 x 668 x 1119 mm. Packaged:CM4540:746 x 659 x 700 mm; CM4540f:856 x 760 x 1498 mm; CM4540fskm:856 x 760 x 1743 mm
Weight	Out of package:CM4540:54.8 kg; CM4540f:75.7 kg; CM4540fskm:88.6 kg. Packaged:CM4540:62 kg; CM4540f:94.8 kg; CM4540fskm:111.4 kg
Printer management	HP Web Jetadmin (Web only); Status Notification Pop-up (SNP) for domains less than 100 users
Security management	Management security: SNMPv3, SSL/TLS, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in

http://www.hp.com/uk

ColorSphere
HP TONERS