Color LaserJet Enterprise CM4540 MFP Printer Series

CM4540 • CM4540f • CM4540fskm

Set your sights on productivity with this high-performance MFP. Print high-impact color documents quickly and easily with an MFP that packs robust paper handling, market-leading management and security features into a desktop footprint. Copy, Scan, and Digital Send functions support multiple workflows, and HP Easy Select touchscreen control panel makes this MFP easy to use. Plus, easily integrate HP and third-party solutions developed on the HP Open Extensibility Platform.

Brilliant results made simple

- Process jobs at the MFP with the award-winning HP Easy Select control panel. Print from the walk-up USB port.[7]
- Achieve sharp contrast and bright color with high-gloss toner. HP ImageREt delivers crisp, consistent detail.
- Pre-installed Original HP LaserJet print cartridges and optional high-capacity black cartridges save time.[5]
- Get the paper capacity you need—600 sheets—in a space-saving size or upgrade to 1100 or 2100 sheets.[4]

Market-leading manageability and extensibility

- Proactively manage printing fleets and control color usage and costs with HP management tools.
- Simple setup wizards for save-to-folder and scan-to-email functions make digital workflows a breeze.
- Extend your MFP capabilities with a rich portfolio of solutions that are easy to integrate.
- Make printing as mobile as you are with the HP ePrint Enterprise solution.[1]

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 and speed via user authentication, IPsec and IPv6.
- Create, print, scan and share sensitive business information securely via encrypted e-mail and PDFs.

Minimize your environmental impact

- Get up to 50% energy savings over competitive products, using Instant-on Technology.[2]
- Save paper and conserve resources—use digital workflows, two-sided printing, PIN print and image preview.[6]
- Get free and easy recycling—print cartridges returned through HP Planet Partners are recycled responsibly.[3]
- Reduce shipping materials and packaging waste with optional high-capacity black print cartridges.[5]

ecoHIGHLIGHTS

HP Color LaserJet Enterprise CM4540 MFP Printer Series

ECO INFORMATION

- Reduce energy use up to 50% with Instant-on Technology.
- 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 Product

hp.com/ecosolutions

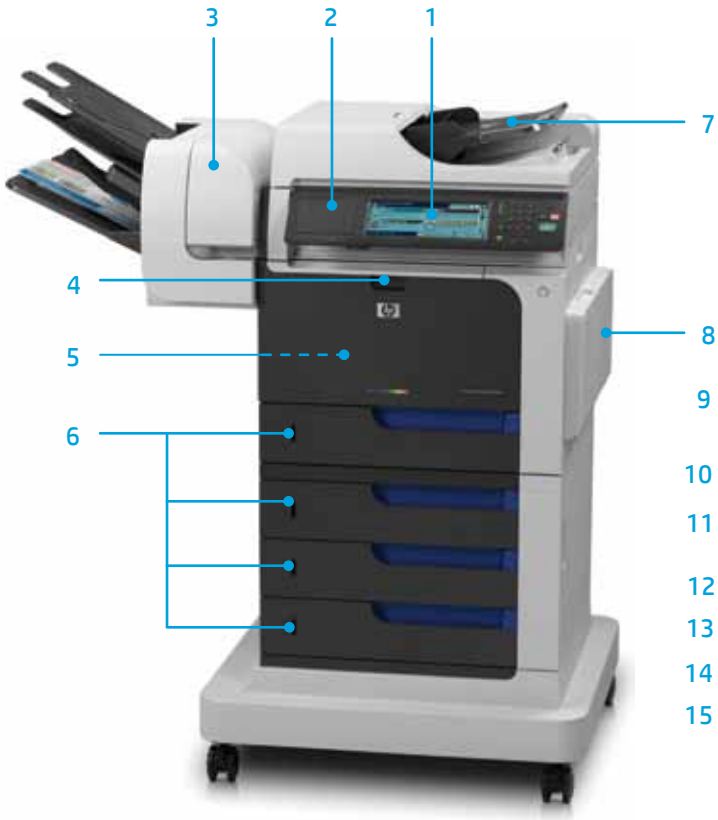
Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.

[1]May require an Internet connection to the printer. Feature works with any Internet and email-capable device and may require a firmware upgrade (available Spring 2011). For more information, visit hp.com/go/ePrintCenter. [2]Energy savings based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method on HP LaserJet products with Instant-on Technology vs. top competitive models as of March 2009. [3]Program availability varies. HP print cartridge return and recycling is currently available in more than 49 countries, territories and regions in Asia, Europe, and North and South America through the HP Planet Partners program. [4]The 1 x 500-sheet Feeder, 1 x 500-sheet Paper Feeder and cabinet and 3 x 500-sheet Paper Feeder and stand may be purchased separately for the CM4540 model. [5]HP Color LaserJet CE264X Black print cartridge not included; please purchase separately. [6]Image preview may require a firmware upgrade. [7]Compatible with most USB 2.0 certified, NAND Flash Memory Devices. Supported files types: 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).

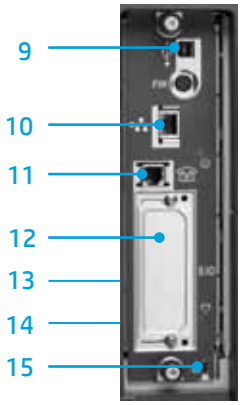
HP Color LaserJet Enterprise CM4540 MFP Printer Series

1 Intuitive 8-inch HP Easy Select pivoting touch screen color control panel
2 Hardware Integration Pocket for solution integration
3 900-sheet 3-bin stapling mailbox
4 Front door allows convenient access to four, all-in-one HP print cartridges
5 Built-in automatic two-sided printing
6 Four 500-sheet input trays for a 2,100-sheet total input capacity
7 50-sheet ADF scanner processes two-sided documents at full speed Plate-glass scanner handles documents up to legal size
8 100-sheet multipurpose tray 1 handles heavy custom media up to 220 g/m² (58 lb bond)
9 Hi-Speed USB 2.0 port
10 HP Jetdirect Gigabit Ethernet embedded print server
11 RJ-11 fax port
12 One open EIO slot
13 1280MB (not upgradable) total memory and an 800 MHz processor quickly handle complex print jobs
14 HP Secure High Performance embedded hard disk
15 Access port for optional Kensington-style lock

HP Color LaserJet Enterprise CM4540fskm MFP shown



Front view



I/O panel close-up

Series at a glance

CM4540 MFP

CM4540f MFP

CM4540fskm MFP

	CM4540 MFP	CM4540f MFP	CM4540fskm MFP
Part number	CC419A	CC420A	CC421A
100-sheet multipurpose tray 1	√	√	√
500 sheet tray 2	√	√	√
500-sheet Paper Feeder	Optional		
500-sheet Paper Feeder and Cabinet	Optional	√	
3 x 500-sheet Paper Feeder and Stand	Optional		√
500-sheet output bin	√	√	
900-sheet 3-bin stapling mailbox	Optional	Optional	√
Automatic two-sided printing	√	√	√
HP Secure High Performance embedded hard disk	√	√	√
HP LaserJet MFP Analog Fax Accessory 500	Optional	√	√
ENERGY STAR® qualified	√	√	√

Top features

Brilliant results made simple

Take care of jobs at the MFP with the award-winning HP Easy Select control panel for a trouble-free user experience. Preview digital send jobs to add, delete, and reorder pages on the 8-inch pivoting color control panel.[2] Use the walk-up USB port[8] to print directly from—and save scans to—flash drives.

Maximize the impact of business documents. HP EasyColor, HP ImageREt, and HP ColorSphere toner deliver high-quality, glossy text, bold graphics, and vivid images with consistent details.

Process documents quickly with speeds up to 42 ppm letter (up to 40 ppm A4) and a first page out as fast as 9.5 seconds from Ready (A4/letter). Instant-on Technology enables output jobs to begin quickly from low-power mode.

Streamline setup. Original HP LaserJet print cartridges are pre-installed to save time and reduce packaging.

Boost productivity with robust paper handling in a compact device. An input capacity of up to 2,100 sheets means large print and copy jobs can be completed without reloading. With the 900-sheet, 3-bin stapling mailbox that sorts, collates, staples, and stacks documents, the MFP facilitates complex document jobs for your busy office.[1]

Market-leading manageability and extensibility

Increase business productivity and save money by proactively managing imaging and printing fleets and controlling color usage. Manage networked products remotely with industry-leading HP Web Jetadmin, easily restrict color output to those who need it with HP Color Access Controls, and give users instant access to many HP imaging and printing devices with the HP Universal Print Driver.

Use the intuitive setup wizard to easily configure save-to-folder and scan-to-email parameters. Convert hard copies into digital files for fast and easy distribution and storage. Digital workflows are a breeze when capturing, saving, and sending scanned files is as easy as pushing a button.

Do more with your investment. The HP Open Extensibility Platform simplifies the development and deployment of HP and third-party solutions, allowing you to easily integrate solutions such as job accounting, secure printing, and document management.[3]

Print to your HP MFP, using a smartphone, notebook, or other mobile device with HP ePrint.[4] For businesses deploying BlackBerry phones, HP ePrint Enterprise enables printing on any networked printing device.[5]

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

900-sheet 3-bin Stapling Mailbox
Improve workflow management and accommodate multiple users easily with the HP 900-sheet 3-bin Stapling Mailbox. Convenient, automatic job stapling and sorting saves time.

CC424A

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:

- **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:** Technician delivered 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

For more information visit: **hp.com/go/printservices**

MFPs	
HP Color LaserJet Enterprise CM4540 MFP	CC419A
HP Color LaserJet Enterprise CM4540f MFP	CC420A
HP Color LaserJet Enterprise CM4540fskm MFP	CC421A
HP Color LaserJet Print Cartridges with HP ColorSphere toner[6]	
HP Color LaserJet Black Print Cartridge (8,500 pages)	CE260A
HP Color LaserJet Black Print Cartridge (17,000 pages)	CE264X
HP Color LaserJet Cyan Print Cartridge (12,500 pages)	CF031A
HP Color LaserJet Yellow Cartridge (12,500 pages)	CF032A
HP Color LaserJet Magenta Cartridge (12,500 pages)	CF033A
Supplies	
Toner Collection Unit (36,000 pages)[7]	CE265A
110 Volt Fuser Kit	CE246A
220 Volt Fuser Kit	CE247A
Automatic Document Feeder Maintenance Kit	CE248A
Image Transfer Kit	CE249A
HP Staple Cartridge Refill	C8091A
Accessories	
HP Color LaserJet 500-sheet Paper Tray	CC425A
HP 500-sheet paper feeder and cabinet	CC422A
HP 3 x 500-sheet paper feeder and stand	CC423A
HP 900-sheet, 3-bin stapling mailbox	CC424A
HP LaserJet MFP Analog Fax Accessory 500	CC487A
Connectivity	
HP Jetdirect 690n IPv6/IPsec 802.11g Wireless Print Server	J8007G
HP Jetdirect ew2500 802.11b/g Wireless Print Server	J8021A
HP Care Pack Services	
HP 3y Nbd CLJ CM4540 MFP HW Support	UV259E
HP 3y Nbd + DMR Color LaserJet CM4540 MFP Support	UV273E
HP 4y Nbd CLJ CM4540 MFP HW Support	UV264E
HP 5y Nbd CLJ CM4540 MFP HW Support	UV265E
HP 1y PW Nbd CLJ CM4540MFP HW Support	UV284PE
HP 2y PW Nbd CLJ CM4540MFP HW Support	UV285PE
HP Network Install mid-high Color LaserJet SVC	H2872E
Paper	
hp.com/go/paper	
Software	
HP Web Jetadmin: hp.com/go/wja	
HP Easy Printer Care: hp.com/go/easyprintercare	
HP Universal Print Driver: hp.com/go/upd	
HP Install Network Printer Wizard: hp.com/go/inpw_sw	

[1]Standard and optional features vary by model. [2]Image preview may require a firmware upgrade. [3]Solutions may not be available at product introduction. [4]May require an Internet connection to the printer. Feature works with any Internet and email-capable device and may require a firmware upgrade. For more information, visit hp.com/go/ePrintCenter. [5]Requires BlackBerry Enterprise Server deployment, Internet and email-capable BlackBerry smartphone OS 4.5 or newer with separately purchased wireless Internet service, HP ePrint app, HP ePrint server. Solution works with PCL5/6, PCL3, PCL3GUI printers (HP and non-HP). [6]Average continuous composite cyan/yellow/magenta cartridge yield 12,500 standard pages, average continuous black cartridge yield 8,500 standard pages (CE260A), and average continuous black cartridge high-capacity yield 17,000 standard pages (CE264X). Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For details see hp.com/go/learnaboutsupplies. [7]Toner Collection Unit capacity approximately 36,000 pages (individual experience may vary considerably based on images printed, media used, environmental conditions and other factors). [8]Compatible with most USB 2.0 certified, NAND Flash Memory Devices. Supported files types: 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).

HP Color LaserJet Enterprise CM4540 MFP Printer Series

Technical specifications	HP Color LaserJet Enterprise CM4540 MFP Printer	HP Color LaserJet Enterprise CM4540f MFP Printer	HP Color LaserJet Enterprise CM4540fskm MFP Printer
Print and copy speed[3]	Color and black-only: Up to 42 ppm letter (up to 40 ppm A4)		
First page out	Print: As fast as 11.5 seconds from ready; Copy: As fast as 12 seconds from ready		
Print resolution	HP ImageREt 3600 (600 x 600 dpi)		
Scanning resolution	Up to 600 x 600 dpi, 30 bit depth (flatbed), up to 600 x 300 dpi, 30 bit depth (ADF)		
Control panel	Rotating (adjustable angle); 8.07" color 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		
Features			
Scanning	Color flatbed scanner or ADF; scan input modes: copy, email, fax, secondary email, folder, workflow		
Copying	Up to 9,999 copies, reduce or enlarge from 25 to 400% (from scanner glass), scaling from 25 to 200% (from ADF)		
Faxing[1]	Fax speed: up to 33.6 kbps; JBIG compression, fax forwarding, fax polling, broadcasting to up to 100 locations, speed dial (up to 100 numbers), auto fax reduction, auto redialing		
Processor	800 MHz		
Memory	1280MB (not upgradeable) RAM		
Hard disk	HP High-performance Secure Hard Disk (embedded)		
Durability ratings	Recommended monthly page volume: 5,000 to 9,000 pages[4]; Duty cycle: up to 175,000 pages (A4/letter)[2]		
Paper			
Input	100-sheet multipurpose tray, 500-sheet input tray, 50-sheet automatic document feeder (ADF), automatic two-sided printing	100-sheet multipurpose tray, 500-sheet input trays 2 and 3, 50-sheet automatic document feeder (ADF), automatic two-sided printing	100-sheet multipurpose tray, 500-sheet input trays 2, 3, 4, and 5, 50-sheet automatic document feeder (ADF), automatic two-sided printing
Output	500-sheet output bin		900-sheet, 3-bin stapling mailbox
Two-sided printing	Automatic		
Media sizes, standard	Tray 1: Letter, legal, 8.5 x 13 in, statement, executive, envelopes [No. 9, No. 10, Monarch (7 3/4)], 4 x 6 in; Min Custom Size from Tray 1: 3.0 x 5.83 in (76.2 x 148 mm); Tray 2, 3, 4, 5: Letter, legal, 8.5 x 13 in, executive		
Media weight	Tray 1: 16 to 58 lb bond (plain), 28 to 58 lb bond (glossy), 16 to 24 lb (envelopes); Trays 2, 3, 4, 5: 16 to 32 lb bond (plain), 28 to 58 lb bond (glossy)		
Interfaces	Hi-Speed USB 2.0 port, walkup USB port, Hardware Integration Pocket, RJ-45 port (10/100/1000 Base-TX), EIO slot, RJ-11 fax port (CM4540f and CM4540fskm models only)		
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)		
Network capabilities	Via HP Jetdirect Gigabit 10/100/1000T Ethernet embedded print server (standard); IPsec (standard), 802.11g wireless (optional)		
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).		
Network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or 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: NetWare NDS, Bindery, NDPS, iPrint		
Security	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		
Dimensions (w x d x h)	35.6 x 24.5 x 22.6 in (905 x 623 x 575 mm)	35.8 x 26.3 x 44.1 in (909 x 668 x 1119 mm)	42.2 x 26.3 x 44.1 in (1072 x 668 x 1119 mm)
Weight (with print cartridges)	120.5 lb (54.8 kg)	166.5 lb (75.7 kg)	195 lb (88.6 kg)
System requirements, Windows	Microsoft® Windows 7, Windows Vista®, Windows® XP SP2 or higher, Windows® Server 2003, Windows® Server 2008; operating system compatible hardware system requirements, see **microsoft.com** system requirements; 220 MB available hard disk space; Mac: Mac OS X v 10.4 or higher; operating system compatible hardware system requirements, see: **apple.com**; 150 MB free hard disk space		
What's in the box	MFP; power cable; 100-sheet multipurpose tray; 500-sheet input tray; 500-sheet output bin, HP Jetdirect Gigabit Ethernet embedded print server; HP LaserJet Black Print Cartridge (8,500 pages5 HP Color LaserJet Cyan, Yellow, and Magenta Print Cartridges with HP ColorSphere Toner (11,000 pages); Hardware and Software Installation Guide; CD-ROM with software drivers and documentation CP4540f: As above plus 500-sheet paper feeder and cabinet), Fax (embedded) CM4540fskm: As above plus 3 x 500-sheet feeder with stand, 900-sheet 3-bin stapling mailbox, Fax (embedded)		
Warranty	One year, next day, on-site limited warranty backed by HP Customer Care, service and support; one year technical phone support		

Environmental ranges

Temperature range	Operating: 10 to 30° C (50 to 86° F) Recommended: 15 to 27° C (59 to 80.6° F) Storage: 0 to 35° C (32 to 95° F)
Humidity range	Operating: 10 to 80% RH Recommended: 30 to 70% RH Non-operating: 10 to 90% RH

Acoustic

Sound power emissions[6]	Active, Print: 7.2 B(A), Copy/Scan: 7.3 B(A), Idle/Ready: 5.5 Bels
Sound pressure (bystander position)	Active, Print: 54 dB(A), Copy/Scan: 57 dB(A), Idle/Ready: 37 dB(A)

Power

Power Supply required	110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 12 A; (Option #AZZ) 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6 A (Not dual voltage, power supply varies by part number with # Option code identifier)
Power Consumption[7]	780 watts (Printing), 850 watts (Copying), 91 watts (Ready), 21.5 watts (Sleep), 0.3 watts (Off)
Typical Electricity Consumption (TEC)	8.062 kWh/Week
Safety approvals and requirements	IEC 60950-1 (International); EN 60950-1+A11 (EU); IEC 60825-1+A1+A2; UL/cUL Listed (US/Canada); 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
Electromagnetic emission standard	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, Part 15 Class A (USA), ICES-003, Issue 4, (Canada), GB 9254-2008, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries

[1]Standard and optional features vary by model. [2]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. [3]Exact speed varies depending on the system configuration, software application, driver, and document complexity. [4]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. [5]Average continuous composite cyan/yellow/magenta cartridge yield 11,000 standard pages, average continuous black cartridge yield 8,500 standard pages (CE260A), and average continuous black cartridge high-capacity yield 17,000 standard pages (CE264X). Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For details see **hp.com/go/learnaboutsupplies**. [6]Declared per ISO 9296 and 7729; values are subject to change. Configuration tested: HP Color LaserJet CP4525dn, printing at 40 ppm on A4 paper. [7]Values subject to change. Power numbers are the highest values measured using all standard voltages.

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