

**Highly affordable laser
multifunction printer with
professional colour results.**

What Do You Have To Say?



HP Color LaserJet CM1312 MFP series

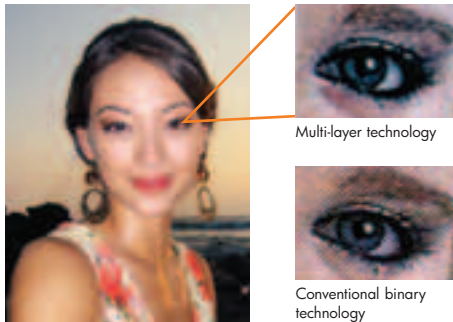


Professional, high quality results

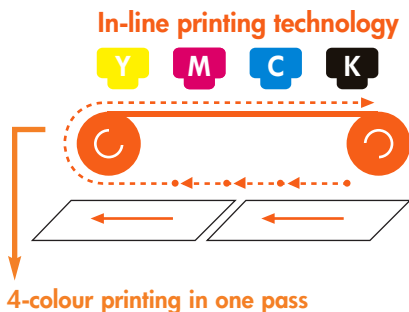
Through innovative printing technologies such as HP ImageREt 3600 and the new generation HP ColorSphere toner, the HP Color LaserJet CM1312 MFP series deliver sharp and vibrant results for professional-looking collateral in-house — giving you the ability to manage marketing materials and budget, and helping to take your business to the next level.

Superior image enhancements. HP ImageREt 3600 uses multi-layering technology and adaptive halftoning to produce high quality images, text and graphics.

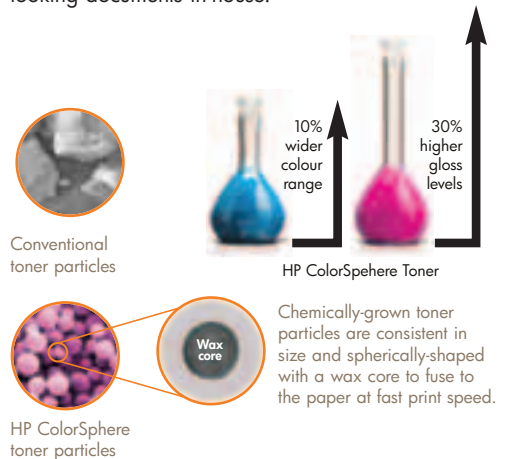
Innovative print technologies for best results



Get your prints, fast. With its four individual cartridges aligned in fixed positions, each colour is applied directly to the paper with just a single pass for smoother and faster print results.

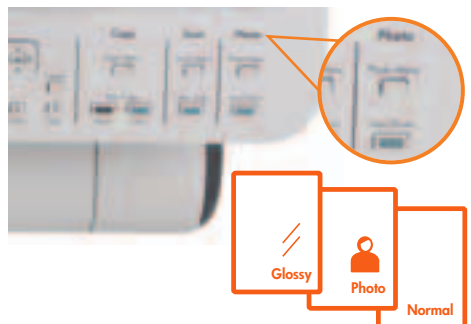


Professional-quality documents. New generation HP ColorSphere toner is chemically-grown and spherical in shape to deliver increased dynamic range of colours and gloss levels for professional-looking documents in-house.



Automatic photo mode for print and copy.

Enjoy the best image quality automatically as the MFP can intuitively detect the type of media and optimise output quality. Or, simply choose the printing and copying preference menus for best possible results.

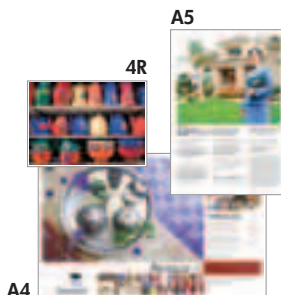




Digitise quickly and easily. Capture high quality images and documents to incorporate into presentations. What's more, the flatbed CCD scanner¹ is great for scanning books, ledgers and 3-D objects.



Versatile printing options. The MFP supports a broad range of media from 76 x 127 mm to 216 x 356 mm, and from everyday to speciality papers, making it easy to create a variety of business documents and marketing materials.



Paper sizes
up to

216 x 356 mm

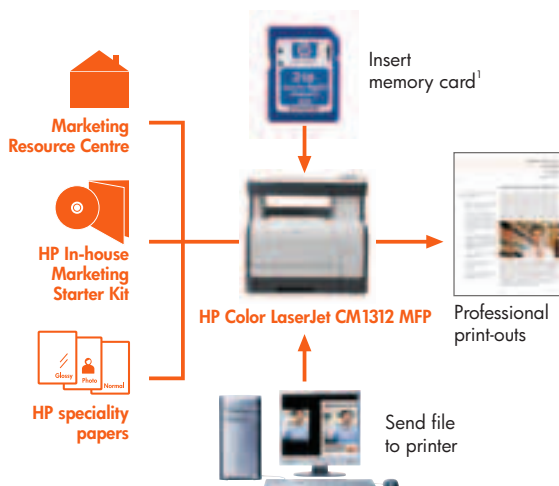
Paper thickness
up to

220 gsm

Create high-impact collateral with added tools.

Create and print high quality, professional marketing materials easily with:

- Marketing Resources Centre², a resource-rich Web portal provides professionally-designed templates, free online training and links to other design resources (Included in printer's installation software)
- Complimentary HP In-house Marketing Starter Kit with over 100 design templates for creating documents
- 3 types of sample specialty papers, valuable discounts on stock images and logo creation are bundled with the MFP



¹ Only available for HP Color LaserJet CM1312nfi MFP.

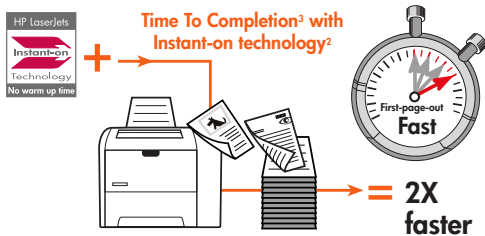
² The Marketing Resources Software may be downloaded for free through the URL included with the MFP's installation software. For more information, visit www.hp.com/go/ihm

Give your business a productivity boost

Innovative features transform the way you print, copy, scan and fax¹, and improve document workflow in your office.



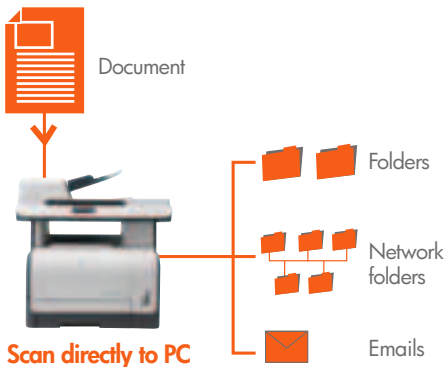
Save with instant results. Print fast first-page-out in less than 8.5 seconds. With Instant-on technology², the Time To Completion (TTC)³ of a typical office print job is two times faster from low power mode than on devices without it. This technology also uses up to 50% less energy than traditional fusing, making it more energy-efficient. Lower power consumption translates to lower utility bills.



Save time, cost and energy. Get instant copies and scans with Instant-on Copy. Utilising LED light source — an already-stable, instant-on light source — it does not require warm-up for scanning so copy jobs can begin quickly from low power mode. This LED based technology is cleaner, more reliable and energy-efficient so you can reduce the cost of owning a MFP.

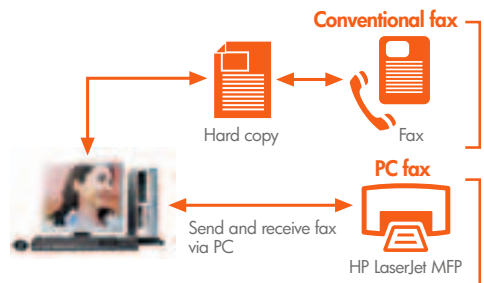


Walk-up scan-to convenience. With scan-to features, you can scan documents to network folder or email directly from the MFP without using a PC.



Simplify document workflow and save on cost.

Send and receive fax on your PC via the MFP for greater convenience without having to print, and your business can save on printing cost while enjoying improved productivity.



¹ Only available for HP Color LaserJet CM1312nfi MFP.

² Instant-on technology uses cutting-edge fuser technology to produce the first page faster when a printer is coming out of low power mode so the print job is done sooner.

³ An InfoTrends study shows the typical office print job is three to five pages long: www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf
See HP average print time versus competition: www.hp.com/go/whywait

Design features for ease of use

The HP Color LaserJet CM1312 MFP series is designed to be easy to install, use and maintain. With its thoughtful features and functionality such as installation wizards, intuitive control panel and integrated networking capability, it's the best office device to share and multi-task efficiently.



Flatbed scanner
captures documents, photos, and 3D objects such as books, ledgers, magazines, and thick, bound files.



2.4-inch colour graphical display¹
supports localised languages, photo preview of thumbnail images and shows device status.

Express installer and the enterprise installer
enables quick and easy set-up, installation and configuration of the device to specific preferences.

Readiris Pro OCR software
scans documents by converting images and text into a form that can be easily edited in the computer.



Scan-to functionality
scans documents and images directly to an email or folder using the MFP.

Intuitive control panel
for simple navigation and ease-of-use.

10/100 Base-T networking¹
lets you connect the MFP to a network so multiple users can take advantage of the device's functions.



Photo memory card slots¹
allows easy access and printing of photos directly from the MFP without a PC.

HP Color LaserJet CM1312nfi MFP shown

¹ Only available for HP Color LaserJet CM1312nfi MFP.

HP LaserJet quality and reliability

Backed by renowned HP reliability and support, your business can have total confidence and peace of mind with the HP Color LaserJet CM1312 MFP series.



PC Magazine Readers' Choice Award for service and reliability for 16 straight years.

September 18, 2007—HP Printers

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Around the clock service and support

HP LaserJets are backed with a one-year limited warranty including phone support 24/7 one-stop access to tools and information for self-help troubleshooting. You can also choose to enhance your warranty protection with a wide selection of affordable HP Care Pack Services.

HP Color LaserJet CM1312 MFP series

Technical specifications

HP Color LaserJet CM1312 MFP (CC430A)		HP Color LaserJet CM1312nfi MFP (CC431A)
Print and copy speed¹		
Black-and-white: up to 12 ppm; Colour: up to 8 ppm (A4/letter)		
First-page-out		
Black-and-white: as fast as 26 seconds from Ready mode; Colour: as fast as 32 seconds from Ready mode; Time To Completion for a typical office print job ² : as fast as 54 seconds (A4/letter)		
Resolution		
Printing: up to 600 x 600 dpi; HP ImageREt 3600, HP ColorSphere toner, HP edge-enhancement technologies; Scanning: up to 1200 dpi optical resolution, up to 19,200 dpi enhanced resolution		
Features		
Copying	Up to 99 multiple copies, reduce/enlarge from 25 – 400%, contrast (lighter/darker), quality (copy optimise), number of copies, paper size, paper type, multi-page copy, collation, copy draft, image adjustment (lightness, contrast, sharpen, background removal, colour balance, greyness)	
Faxing	—	Up to 36.6 kbps, auto fax reduction, fax forwarding, fax polling (receive only), broadcasting (up to 120 locations), speed dial (up to 120 numbers), auto redialing, PC faxing supported, delayed sending, distinctive ring, telephone mode supported, up to 250 pages fax memory ³
Scanning	Colour flatbed scanner, 54 x 70 mm (2.1 x 2.8 inch) to 216 x 297 mm (8.5 x 11.7 inch); Remote initiated scanning via HP Director, TWAIN compliant or WIA-compliant software, HP Solution Centre software; file types: BMP, GIF, JPG, PNG, TIF, PDF	Colour flatbed scanner and automatic document feeder (ADF), 102 x 152 mm (4 x 6 inch) to 216 x 356 mm (8.5 x 14 inch); remote initiated scanning via HP Director, TWAIN-compliant or WIA-compliant software, HP Solution Centre software; walk-up initiated scanning via front control panel (preconfiguration via software required); file types: BMP, GIF, JPG, PNG, TIF, PDF
Photo memory cards supported	—	CompactFlash Type I and II, Memory Stick, Memory Stick PRO, Memory Stick Duo, Secure Digital, MultimediaCard, xD-Picture Card
Processor	450 MHz	
Memory	128 MB	160 MB
Recommended monthly volume ⁴	250 to 1,500 pages	
Maximum monthly duty cycle ⁵	Up to 30,000 pages	
Paper		
Handling	150-sheet multipurpose input tray, 125-sheet face-down output bin, two-sided printing (manual)	
Sizes	76 x 127 mm (3 x 5 inch) to 216 x 356 mm (8.5 x 14 inch); A4, A5, A6, B5 (ISO, JIS); letter, legal, executive, envelopes (No. 10, Monarch)	
Weights	60 to 176 g/m ² (16 to 47 lb), up to 200 g/m ² (53 lb) with HP Laser Cover papers, up to 220 g/m ² (59 lb) with HP Laser Glossy Photo papers	
Type	Paper (bond, brochure, colour, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock	
Connectivity		
Interfaces	Hi-Speed USB 2.0 port	Hi-Speed USB 2.0 port, 10/100 Base TX with RJ-45 connector, 2 RJ-11 ports, photo memory card slot
Languages	HP PCL 6, HP postscript Level 3 emulation, HP PCL5c emulation; Fonts: 80 TrueType PCL 6, 80 TrueType PostScript	
Client operating system	Microsoft® Windows® 2000, Windows XP® Home, Windows XP Professional, Windows Server 2003, Certified for Windows Vista®; Mac OS X v10.3, v10.4, v10.5 and later	
Network operating system	—	Windows 2000 (print drivers only), XP Home, XP Professional, XP 64-bit, Windows Server 2003/2008, Windows Vista®; Mac OS X v10.3 or higher; Red Hat/SuSE Linux 6.x or higher, Novell NetWare 3.2 or higher (NDPS-TCP/IP only); Citrix MetaFrame (print only); Windows Terminal Services (print only) ⁶
Network protocol	—	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP/IP port 9100 Direct Mode, LPD (raw que support only), Web Services Printing; Photo card: CIFS; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless LinkLocal and via Router, Stateless via DHCPv6); Management: SNMPv1, HTTP
Minimum system requirements	PC: Server 2003: any Pentium II processor or higher, 64 MB RAM, 50 MB available hard disk space, SVGA 800 x 600 monitor with 16-bit colour (print driver, scan driver only); Windows 2000®, XP Home, XP Professional: any Pentium II processor (Pentium III or higher recommended), 128 MB RAM, 250 MB available hard disk space, SVGA 800 by 600 monitor with 16-bit color, Internet Explorer 5.5 or higher (full install); 1 GHz processor, 512 MB RAM (Windows Vista®, check user guide for minimum hard drive space); CD-ROM drive, USB port Macintosh: Mac OS X v10.3.9, v10.4.x, v10.5.x; PowerPC G3, G4, or G5 processor; Intel Core processor; 80 MB RAM, 30 MB available hard disk space; USB port; CD-ROM drive	
Dimensions (w x d x h)	437 x 455 x 405 mm (17.2 x 17.9 x 16 inch)	497 x 490 x 485 mm (19.6 x 19.3 x 19.1 inch)
Weight	21.2 kg (46.7 lb)	24.7 kg (54.5 lb)

What's in the box	MFP; preinstalled introductory 750-page black, cyan, magenta, and yellow HP Color LaserJet print cartridges with ColorSphere toner ⁷ ; in-box documentation (Getting Started Guide, support flyer); CD (User's Guide and device software); power cable; control panel faceplate; Readiris PRO OCR software and registration card, Marketing Starter Kit (includes specialty media samples, discounts to partner offerings, document templates); USB cable
Warranty	One-year, return to authorised service centre, limited hardware warranty; telephone and Web support (varies according to region)
Environmental ranges	
Temperature	Recommended: 20 — 27° C (68 — 81° F); Storage: 20 — 40° C (4 — 104° F)
Relative humidity	Recommended: 20 — 70%; Storage: 10 — 95%
Altitude	0 to 3,048 m (0 to 10,000 ft)
Power consumption	Active, print: 295 watts; copy: 310 watts; Ready: 21 watts; Sleep: 7.2 watts; Off: 0 watts; Typical Electricity Consumption (TEC): 1.597 KWh/Week; ENERGY STAR® qualified models, see www.hp.com/go/energystar
Acoustics ⁸	Sound power Active, print: 6.1 B(A); copy: 6.4 B(A); Ready: inaudible; Bystander sound pressure Active, print: 47 dB(A); copy: 50 dB(A); Ready: inaudible
Required input voltage ⁹	110 — 127 V (±10%), 60 Hz (±3 Hz); 220 — 240 V (±10%), 50 Hz (±3 Hz)
Power certifications	CM1312/CM1312nfi : EMC: CISPR 22: 2005/EN 55022: 2006 Class B, EN 61000-3-2: 2000+A2, EN 61000-3-3: 1995+A1, EN 55024: 1998+A1+A2, FCC Title 47 CFR, ICES-003, GB9254-1998, other EMC approvals as required by individual countries Safety: IEC 60950-1 (International), IEC 60825 1+A1+A2, EN 60825-1+A1+A2 (Class 1 Laser/LED Device) GB4943-2001, other safety approvals as required by individual countries CM1312nfi : Telecom: ES 203 021, FCC Part 68, PTC-200 (New Zealand), AS/ACIF S002: 2001 (Australia), IDA PSTN1 (Singapore), TPS002-01 (Malaysia), IG 0005-11 (Taiwan), HKTA 2011 (Hong Kong SAR), YD514, YD/T589, YD703, GB3382 Typical Electricity Consumption (TEC): 1.597 KWh/Week (China); other Telecom approvals as required by individual countries
HP SureSupply	To learn more, visit www.hp.com/learn/suresupply

¹ Exact speed varies depending on system configuration, software application, driver, and document complexity.

² An InfoTrends study shows the typical office print job is three to five pages long: www.infotrends.com/public/Content/Presentations/officeprintintense.pdf. Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

³ Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

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 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.

⁶ Not all protocol and operating system configurations are supported. For more information, go to www.hp.com/support/net_printing

⁷ Introductory cartridges: Average continuous composite cyan/yellow/magenta cartridge yield 750 pages and average continuous black cartridge yield 750 pages. Replacement cartridges: Average continuous composite cyan/yellow/magenta cartridge yield 1,400 standard pages and average continuous black cartridge yield 2,200 standard pages. Declared yield values in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For more information, visit www.hp.com/go/learnaboutsupplies

⁸ Configuration tested: imaging model, simplex printing, A4 paper at an average of 12 ppm.

⁹ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.



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Ordering information

Number CC430A CC431A	HP Color LaserJet CM1312 MFP HP Color LaserJet CM1312nfi MFP
Replacement print cartridges¹	
CB540A	HP Color LaserJet Black Print Cartridge
CB541A	HP Color LaserJet Cyan Print Cartridge
CB542A	HP Color LaserJet Yellow Print Cartridge
CB543A	HP Color LaserJet Magenta Print Cartridge
Connectivity	
Q6264A	Hi-Speed USB A to B printer cable (6-foot)
C6520A	Hi-Speed USB 2.0 A to B printer cable (9-foot)
C7353A	Network cable (7-foot)*
C7536A	Network cable (14-foot)*
C7537A	Network cable (25-foot)*
C7542A	Network cable (50-foot)*
Service and support	
H3110E	HP Network Install Inkjet/Personal LaserJet Service*
H4513E	HP Install Service
HC128PE	HP 1-year Post-warranty Phone Assist Service
UE199E	HP 3-year Return Hardware Service
UE201A	HP 3-year Next Business Day Exchange Service
UE201E	HP 3-year Next Business Day Exchange Service
UE662A	HP 2-year/1-time Replace Service
UE662E	HP 2-year/1-time Replace Service
UE663E	HP 2-year Return Service
UE664E	HP 2-year Next Business Day Exchange Service
UE666PE	HP 1-year Post-warranty Return Service
UE667PE	HP 1-year Post-warranty/1-time Replace Service
UE668PE	HP 1-year Post-warranty/Next Business Day Exchange Service

* Only for HP Color LaserJet CM1312nfi MFP.

Paper	
Asia Pacific: www.hp.com/apac/printingsupplies	
Asia: 65-6253-8500	
Australia/New Zealand: 61-2997-2299LAR	
Solutions	
www.hp.com/go/gsc	
HP Customer Information Centre (for product information)	
Australia	13 23 47
China	800 820 2255
Hong Kong	800 938 833
India	1600 425 4999 (from MTNL/BSNL LAN line) 3030 4499 (from mobile)
Indonesia	0800 111 222
Korea	080 703 0700
Malaysia	1800 88 4848
New Zealand	0800 733 547
Philippines	1800 1441 6688
Singapore	1800 278 8100
Taiwan	0800 236 686
Thailand	+662 353 9000
Vietnam	+848 930 2814
Bangladesh, Bhutan, Brunei, Cambodia, Maldives, Nepal, Pakistan, Sri Lanka: Fax +65 6275 6707	

HP Customer Care Centre (for post-sales service)	
Australia	13 10 47
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Hong Kong	+852 3002 8555
India	1600 112 267
Indonesia	+62 21 350 3408
Korea	+82 23270 0700
Malaysia	1800 805 405
New Zealand	0800 449 553
Philippines	+63 2 867 3551
Singapore	+65 6 272 5300
Taiwan	+886 2 8722 8000
Thailand	+662 353 9000
Vietnam	+848 823 4530

