Highly affordable laser multifunction printer with professional colour results.

WHAT DO YOU HAVE TO SAY?

HP Color LaserJet CM1312 MFP series

The HP Color LaserJet CM1312 MFP series is a full-featured multifunction device designed to meet all your printing and imaging needs. With innovative print technologies and in-house marketing tools, your business can create high quality marketing materials, and communicate and sell more effectively. This device is the complete business colour solution for your office that stretches your potential, not your budget.

The HP Color LaserJet CM1312 MFP series lets you print, copy, scan and fax[1] while delivering professional colour results — all in one compact design.

PRINT

- Professional print speed[2] of up to 12 ppm black, 8 ppm colour
- Time To Completion[3] for a typical print job in as fast as 54 seconds with Instant-on technology[4]
- Print graphics-intensive files fast with 160 MB[5] RAM memory and 450 MHz processor
- HP ImageREt 3600 provides consistent, professional results, right out of the box

SCAN

- 24-bit CCD colour scanner converts printed materials to digital information
- Professional scans at resolutions up to 1200 dpi
- Remote scanning via Scan-to software
- Turn scanned text into editable files with Readiris Pro OCR Software

HP Color LaserJet CM1312nfi MFP

IMAGING[1]

- Built-in photo memory card slots

COPY

- Instant-on Copy with LED technology starts copy in seconds
- Reduce or enlarge copy jobs from 25 to 400% quickly

FAX[1]

- Send fax via PC to save time and enhance security
- Store faxes and print when you want to with private receive
- Fax/Tel allows the device to monitor incoming calls, determine if a call is voice or fax, and ring to notify you of voice calls
- Store up to 250 fax pages with fax storage

PAPER HANDLING

- Expanded media support
- 50-sheet automatic document feeder (ADF)[1]
- 150-sheet multipurpose input tray
- 125-sheet face-down output bin

NETWORKING

- Hi-Speed USB 2.0 port, RJ-11 fax port[1], RJ-11 line-out telephone port[1]
- 10/100 networking port[1]

RELIABILITY

- Proven HP LaserJet MFP engine and HP's legendary reliability
- Backed by HP's award-winning customer service and support

[1] Only available for HP Color LaserJet CM1312nfi MFP.

[2] Exact speed varies depending on system configuration, software application, driver, and document complexity.

[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

[4] 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.
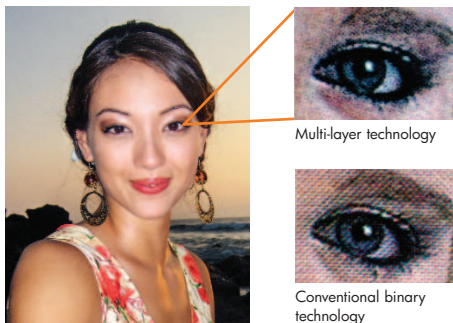
[5] Device memory of 160 MB RAM for HP Color LaserJet CM1312nif MFP, 128 MB RAM for HP Color LaserJet CM1312 MFP.
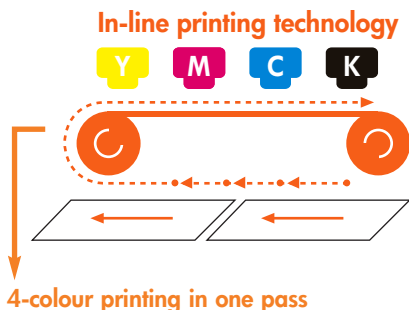
Professional, high quality results

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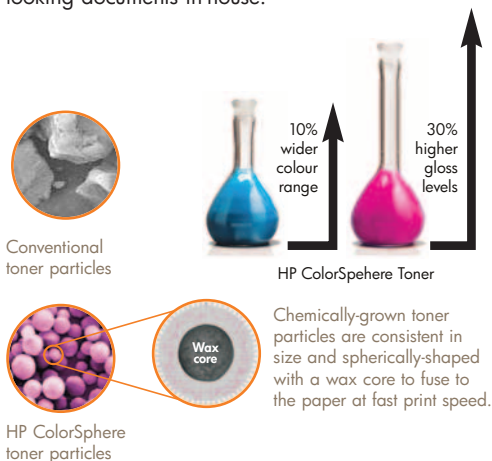
Professional-quality documents. New generation HP ColorSphere toner is chemically-grown and spherical in shape to deliver increased dynamic range of colours and gloss levels for professional-looking documents in-house.

Innovative print technologies for best results

Multi-layer technology

Conventional binary technology

Conventional toner particles

10% wider colour range

30% higher gloss levels

HP ColorSpehere Toner

HP ColorSphere toner particles

Wax core

Chemically-grown toner particles are consistent in size and spherically-shaped with a wax core to fuse to the paper at fast print speed.

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.
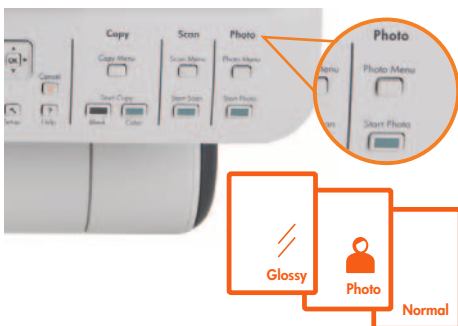
In-line printing technology

Y M C K

4-colour printing in one pass

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.

Glossy

Photo

Normal

Digitise quickly and easily. Capture high quality images and documents to incorporate into presentations. What's more, the flatbed CCD scanner[1] is great for scanning books, ledgers and 3-D objects.

Hard cover book

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.

A5

4R

A4

Morocco

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 Centre[2], 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

Marketing Resource Centre

HP In-house Marketing Starter Kit

HP speciality papers

Insert memory card[1]

HP Color LaserJet CM1312 MFP

Professional print-outs

Send file to printer
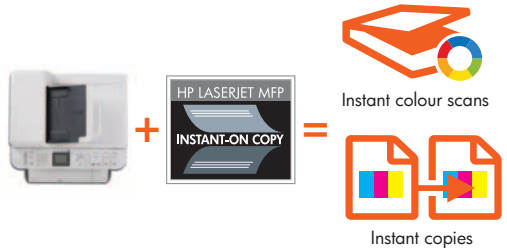
Give your business a productivity boost

Innovative features transform the way you print, copy, scan and fax[1], and improve document workflow in your office.

Enjoy shorter print jobs with first-page-out as fast as 26 seconds for black-and-white and 32 seconds for colour pages. With Instant-on technology[2], 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.
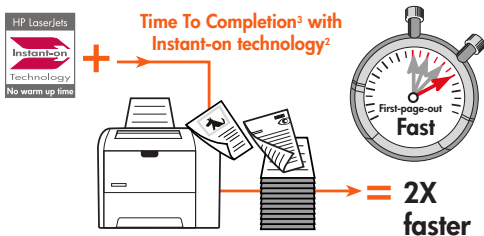
Save time, cost and energy. Get instant copies and scans with Instant-on Copy. Utilising LED light source — an already-stable, instant-on light source — it does not require warm-up for scanning so copy jobs can begin quickly from low power mode. This LED based technology is cleaner, more reliable and energy-efficient so you can reduce the cost of owning a MFP.
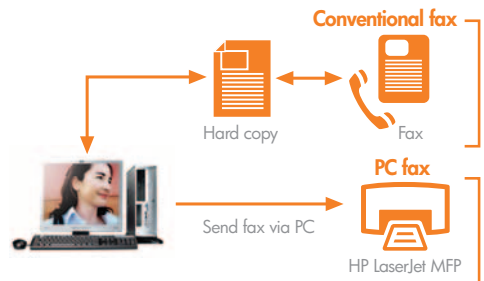
HP LaserJets
Instant-on
Technology
No warm up time

Time To Completion[3] with Instant-on technology[2]

First-page-out
Fast

= **2X faster**

HP LASERJET MFP
INSTANT-ON COPY

Instant colour scans

Instant copies

Walk-up scan-to convenience. With scan-to features, you can scan documents directly from the MFP to network folder or email.

Document

Folders

Network folders

Emails

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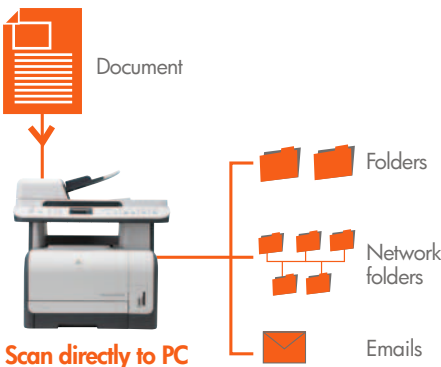
Simplify document workflow and save on cost. Send fax on your PC via the MFP for greater convenience without having to print, and your business can save on printing cost while enjoying improved productivity.

Conventional fax

Hard copy

Fax

PC fax

Send fax via PC

HP LaserJet MFP

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[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.

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

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

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.

2.4-inch colour graphical display[1]
supports localised languages, photo preview of thumbnail images and shows device status.

10/100 Base-T networking[1]
lets you connect the MFP to a network so multiple users can take advantage of the device's functions.

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

HP Color LaserJet CM1312nfi MFP shown

Photo memory card slots[1]
allows easy access and printing of photos directly from the MFP without a PC.

[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

PC Magazine Readers' Choice Award Logo is a trademark of Ziff Davis Publishing Holdings Inc. Used under license.

**www 24/7**

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 (CC430A)

Front view

Partial rear view I/O panel

1. Colour flatbed scanner
2. 125-sheet output bin
3. One-door access for easy cartridges replacement
4. 150-sheet multipurpose tray
5. Intuitive control panel with 2-line, 16-character LCD display
6. A powerful 450 MHz processor and 128 MB memory
7. Hi-Speed USB 2.0 port

HP Color LaserJet CM1312nfi MFP (CC431A)

Front view

Partial rear view I/O panel
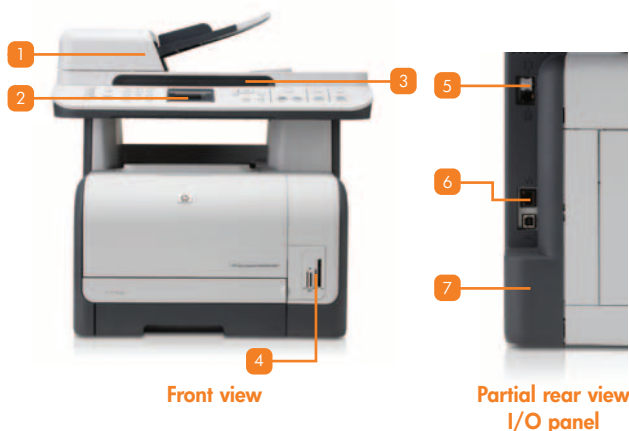
All the features of the base model, plus:

1. 50-sheet automatic document feeder
2. Intuitive control panel with 2.4-inch colour graphical display and built-in **Help** function
3. Reduction optics/charge-coupled device (RO/CCD) colourflatbed scanner
4. Photo memory card slots
5. Fax port
6. 10/100 networking port
7. 160 MB RAM memory

Maximise the performance of HP Color LaserJet CM1312 MFP series with HP accessories and supplies

Q6264A
Connect directly with the Hi-Speed USB A to B printer cable (6-foot).

CB540A, CB541A, CB542A, CB543A
HP's all-in-one print cartridges with new generation HP ColorSphere toner are designed with HP Color LaserJet CM1312 MFP series to deliver consistent quality and reliable printing.

Choose from a selection of HP papers to create professional-quality documents in your office.

HP's commitment for a safer environment

With HP's Design for the Environment initiative, products are designed with their entire life cycle in mind — from product design to manufacturing, and from usage to recycling — in an effort to reduce energy, paper, packaging and materials used. By providing customers with safe, high quality products that are environmentally-sound throughout their life cycle, HP aims to reduce the environmental impact of our products, and that of our customers.

1 DESIGN FOR ENVIRONMENT

Conserve energy. With ENERGY STAR®, the HP LaserJet CM1312 MFP series automatically reduces power consumption after a designated period of inactivity.

Lower power consumption. Save power automatically with energy intelligence that is built into HP printing products. Instant-on technology provides up to 50% energy savings over traditional fusing while providing a fast first-page-out in seconds.

2 MANUFACTURING

Use of fewer materials. HP LaserJet toner cartridge packaging uses 45% less materials compared to previous designs. The more compact package contains an innovative multi-chamber air bag that protects the cartridge from transport damage, dust, moisture and light, and 30% more cartridges can be shipped on one pallet (1500 more cartridges can be shipped in one ocean container).

5 RECYCLE

Less waste through recycling. All returned Original HP print cartridges go through a multiphase recycling process where they are reduced to raw materials that are used to make new metal and plastic products.

Product Lifecycle

- Design for Environment
- Manufacturing
- Use
- Return
- Recycle

3 USE

No more wasteful prints. Save paper with HP Smart Web Printing (a free download for users). It enables simple, predictable web printing and provides control over what you want and how you want it printed. You can select, store and organise text and graphics from multiple web pages, then edit and print exactly what you see on-screen, thereby making web printing more eco-friendly and less wasteful.

Use less paper. By printing on both sides with manual two-sided printing. Plus, easily produce 2-up and 4-up copies (multiple pages on a single sheet of paper) to conserve resources.

4 RETURN

Simplify the management and disposal of products. Through HP Planet Partners[1] — a free, convenient return and recycling programme available in more than 40 countries.

[1] Programme availability varies. HP printing supplies return and recycling is currently available in more than 40 countries, territories and regions in Asia, Europe, and North and South America through the HP Planet Partners programme.
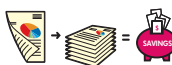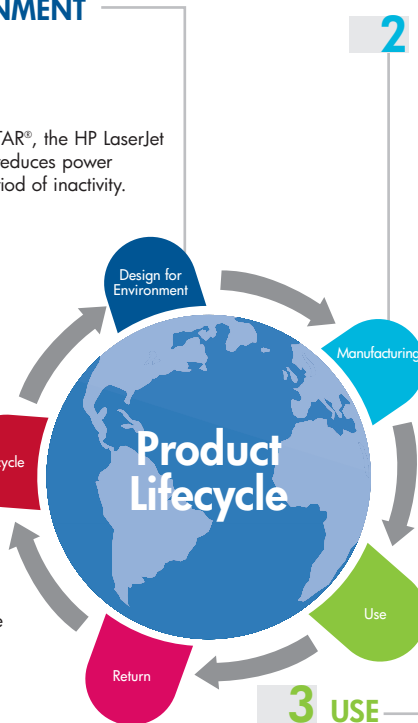
HP Color LaserJet CM1312 MFP series

Technical specifications

	HP Color LaserJet CM1312 MFP (CC430A)	HP Color LaserJet CM1312nfi MFP (CC431A)
Print and copy speed[1]	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 Link-Local and via Router, Statefull 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[2]; 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/officeprinteruse.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.

Ordering information

Number
CC430A   HP Color LaserJet CM1312 MFP
CC431A   HP Color LaserJet CM1312nfi MFP

Replacement print cartridges[7]
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)
C7535A   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   1800 42 54 999 (from MTNL/BSNL LAN line)
                3030 4499 (from mobile)
Indonesia   0800 1111 222
Korea   080 703 0700
Malaysia   1800 88 9886
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
China   800 810 3888
Hong Kong   +852 3002 8555
India   1800 112 267
Indonesia   +62 21 350 3408
Korea   +82 23270 0700
Malaysia   1800 88 8588
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