



Enable productivity with HP's lowest-priced colour laser MFP, an easy-to-use multifunction device that delivers high quality colour output. Print and copy with speeds up to 12 ppm black and 8 ppm colour and enjoy easy flatbed scanning and faxing¹.



HP Color LaserJet
CM1312 MFP



HP Color LaserJet
CM1312nfi MFP

An excellent choice for workteams of 2-5 users in unmanaged micro- and small-businesses who need an affordable, reliable, easy-to-use multifunction device to produce a range of business documents.

Easily achieve professional-quality results with HP's most affordable colour laser MFP with fax².

Deliver more effective business communications with colour from a single, compact LaserJet MFP solution from HP. Enjoy cost and space savings from HP's lowest-priced colour laser MFP featuring advanced print, scan, copy and fax². Impress with professional print and copy results achieved with HP ImageREt 3600. Next generation HP ColorSphere toner and all-in-one print cartridge design simplifies maintenance and delivers high gloss, vibrant colours, crisp detail, and realistic photo quality.

Increase productivity and results with this high performance, high quality HP colour laser MFP.

Get professional quality prints and copies quickly in up to 12 ppm black, and up to 8 ppm in colour. Increase everyday efficiency with advanced print, copy, scan and fax² functionality in one compact, easy-to-use solution. Share functionality with integrated 10/100 Base TX networking², or connect directly to your PC via the Hi-Speed USB port. Enjoy unattended copying, scanning and faxing and work more effectively with an integrated 50-page automatic document feeder².

This innovative HP Color LaserJet MFP is very easy to install, use, share and maintain.

Easily setup, install, and configure the MFP in just a few clicks. Simple to use with set-up wizards and an intuitive control panel with two line, 16 character LCD. Easily scan flat, bound documents, or even objects. All-in-one Original HP print cartridges are clean and easy to install and replace. Enjoy easy and consistent set up and printing across a network with HP's new Universal Print Driver. Deploy, manage, monitor and maintain about 15 HP LaserJets with HP Easy Printer Care Software.

² Available with HP Color LaserJet CM1312nfi MFP.

Technical specifications

Print technology	Laser		
Print speed	A4 black: Up to 12 ppm. Colour: Up to 8 ppm. First page out black: < 25.5 sec (from ready mode). Colour: < 31.5 sec (from ready mode). Exact speed varies depending on the system configuration, software program, and document complexity.		
Processor	450 MHz. Freescale Coldfire® V5X embedded processor		
Memory	CM1312: 128 MB; CM1312nfi: 160 MB		
Print	Quality	HP ImageREt 3600	
	Resolution	A4 black: Up to 600 x 600 dpi. Colour: Up to 600 x 600 dpi	
	Printer languages	HP PCL 6, HP Postscript level 3 emulation, HP PCL 5c emulation	
	Economical printing	Manual duplexing and N-up printing (multiple pages per sheet) features save paper.	
	Typefaces/fonts	80 TrueType internal scalable PCL 6, 80 TrueType internal scalable Postscript	
	Duty cycle	Up to 30000 pages per month	
	Recommended monthly page volume	250 to 1500	
	Print margins (mm)	Top: 4.2 mm. Left: 4.2 mm. Right: 4.2 mm. Bottom: 4.2 mm	
	Printer Smart Software Features	Up to ImageREt 3600 print quality with HP PCL 6 and Postscript level 3 emulation print drivers; manual duplex and booklet printing; N-up printing; collation, watermarks; accepts a variety of laser paper sizes and types including matte, soft gloss, and high gloss laser photo paper, mono transparencies, cover paper, cardstock, brochure paper, labels, envelopes, and more	
Fax	Modem speed	36.6 Kbps	
	Telecom compliance	Telecom: ES 203 021, R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe), FCC Part 68, Industry Canada CS03, NOM-151-SCTI-1999 (Mexico), 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 (China) other Telecom approvals as required by individual countries	
	Fax memory	Up to 250	
	Fax resolution	Standard: 203 x 98 dpi. Fine: 203 x 196 dpi. Superfine: 300 x 300 dpi (no halftone)	
	Quick dialing	4	
Scan	Type	Colour scanning: Yes. File Formats: BMP, GIF, JPG, PNG, TIF, PDF	
	Scan resolution	Optical: Up to 1200 dpi. Enhanced: Up to 19,200 dpi	
	Bit depth	24-bit	
	Grey scale levels	256	
	Twain version	TWAIN compatible Version 1.9	
	Scan input modes	Remote initiated scanning via HP Director, TWAIN-compliant or WIA-compliant software, HP Solution Center software	
	Scannable area	Minimum media size: 54 x 70 mm. Maximum media size: 216 x 297 mm	
	Margins for scanned items	Left: 4.2 mm. Top: 4.2 mm. Right: 4.2 mm. Bottom: 4.2 mm	
	Scanner smart software features	Twain, WIA Drivers; HP Scanning software; scan key on control panel for scan-to-e-mail and scan-to-folder capability; automatic scan calibration, scan image straightening, cropping, and image enhancement; HP Document Viewer for document annotation capability and HP Photosmart Premier software for advanced image enhancement; Readiris PRO text recognition software	
Copy	Copy speed	Up to 12 cpm	
	Copy resolution	Up to 600 x 600 dpi	
	Multiple copies	Up to 99	
	Reduce/enlarge	25 to 400%	
	Copier smart software features	Up to 99 multiple copies, scan once print many, collation, reduce/enlarge from 25 to 400% (with page-size presets), fit to page, two or four pages to one page, customisable copy presets, contrast (lighter/darker), resolution (copy quality), network protocols supported	
Media handling	Input:	Capacity	Weight
	Tray 1	sheets: 150, envelopes: 10	60 to 176 g/m ² (up to 200 g/m ² with HP laser cover papers, up to 220 g/m ² with HP laser glossy photo papers)
	Output:	Sheets: Up to 125. Envelopes: Up to 10. Transparencies: Up to 50	A4, A5, B5, A6 (ISO, JIS), 76 x 127 to 216 x 356 mm
	Duplex printing:	Manual (driver support provided)	

Ordering information

CC430A	MFP; preinstalled introductory 750-page black, cyan, magenta, and yellow HP Color LaserJet print cartridges with ColorSphere toner; 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 (specialty media samples, discounts to partner offerings, document templates)
CC431A	HP Color LaserJet CM1312nfi MFP 33.6 Super G3 fax, 50-sheet automatic document feeder, 10/100 networking, additional 32MB of memory, 2.4-inch colour graphics display, photo memory card slots



Technical specifications

Media types	Paper (bond, brochure, colour, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
Interface and connectivity	CM1312: 1 Hi-Speed USB (compatible with USB 2.0 specifications) port; CM1312nfi: Built-in 10/100 wired Ethernet network connectivity with 1 RJ-45 port, 1 Hi-Speed USB (compatible with USB 2.0 specifications) port
Operating systems compatibility	Microsoft® Windows® 2000, Server 2003, XP Home, XP Media Center, XP Professional, XP Professional x64, XP Tablet PC; Certified for Windows Vista®; Mac OS X v10.3 or higher; Novell® NetWare 3.2, 4.2, 5.x, 6; HP-UX 10.20, 11.x; RED HAT Linux 6.x or higher; SUSE Linux 6.x or higher; Solaris® 2.5x, 2.6, 7, 8, 9, 10 (SPARC®); AIX® 3.2.5 or higher; MPE-iX; Citrix® MetaFrame; Terminal Services. Latest supported operating systems and print drivers available at: http://www.hp.com/support/cljcm1312mfp
Network operating systems compatibility	Optional: Windows Vista® Ultimate, Home Premium, Home Basic, Business, Enterprise, Ultimate-64bit, Home Premium-64bit, Home Basic-64bit, Business-64bit, Enterprise-64bit, Microsoft® Windows® XP Home, XP Professional, XP Media Center, XP Tablet PC; Mac OS X v10.3, v10.4, v10.5; Leopard, Linux PS3 (driver only), Unix PS3 (driver only), Citrix® (PDL, print driver only-supports NT OS's). Driver only: Windows Vista® Starter, Microsoft® Windows® XP Professional-64bit, Microsoft® Windows® 2003 Server, 2003 Server-64bit; 2000
Minimum system requirements	Microsoft® Windows® 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); Microsoft® 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 x 600 monitor with 16-bit colour, 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. Mac OS X v 10.3.9, 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
Standard software	CM1312: HP Toolbox, HP LaserJet Scan, TWAIN 1.9 or WIA scanner drivers, Readiris PRO text recognition software (not installed with other software, separate installation required), printer drivers (HP PCL 6, HP Postscript level 3 emulation), installer/uninstaller, HP Director (Macintosh); CM1312nfi: HP Toolbox, HP LaserJet Scan, TWAIN 1.9 or WIA scanner drivers, HP LaserJet Fax, HP Fax Setup Wizard, HP Fax software, Readiris PRO text recognition software (not installed with other software, separate installation required), printer drivers (HP PCL 6, HP PCL 5e, HP Postscript level 3 emulation), installer/uninstaller, HP Director (Macintosh); Drivers on the web: CM1312: Installer, print drivers, HP Scan software, HP Toolbox for management and support, Readiris PRO text recognition software, HP Software Update, HP Web Jetadmin, Enterprise Installer; CM1312nfi: Installer, print drivers, HP Send Fax, HP Scan software, HP Toolbox for management and support, Readiris PRO text recognition software, HP Software Update, HP Web Jetadmin, Enterprise Installer
Control panel	CM1312: Intuitive control panel with 2-line character display alternating message screen, device/supplies status view, copy controls, scan controls, setup, reduce/enlarge, lighter/darker, and cancel buttons; CM1312nfi: Intuitive 6.1 cm control panel with colour graphic rotating display, alternating message screen, device/supplies status view, Ready LED, Error LED, Copy controls, Scan controls, Fax controls, Black/Colour controls, Photo controls, Numeric, Setup, Cancel, Help, and Back buttons.
Power	Requirements: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz). Consumption: 295 watts (printing), 310 watts (copy/scan), 21 watts (ready), 7.2 watts (sleep), 0 watts (off)
Dimensions (w x d x h)	Out of package: CM1312: 437 x 455 x 405 mm; CM1312nfi: 497 x 490 x 485 mm. Packaged: CM1312: 600 x 500 x 545 mm; CM1312nfi: 600 x 600 x 589 mm
Weight	Out of package: CM1312: 21.2 kg; CM1312nfi: 24.7 kg. Packaged: CM1312: 27.25 kg; CM1312nfi: 35.34 kg
Printer management	HP Toolbox, HP Web Jetadmin, HP Embedded Web Server, HP Easy Printer Care Software
Operating environment	Operating temperature: 15 to 32.5° C. Recommended operating temperature: 20 to 27° C. Operating humidity: 10 to 80% RH. Operating humidity recommended: 20 to 70% RH. Storage temperature: -20 to 40° C. Storage humidity: 10 to 95% RH. Noise level per ISO 9296: sound power: LwAd 6.1 B(A) (printing at 12 ppm), 6.4 B(A) (maximum copy/scan), inaudible (ready). Sound pressure: LpAm 47 dB(A) (bystander), 50 dB(A) (bystander copy/scan), inaudible (bystander ready)
Certifications	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, Part 15 Class B (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. Regulatory standards: 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) GB4943-2001, Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries. ENERGY STAR: Yes
Warranty	One-year, return to authorised service centre, limited hardware warranty

Ordering information

Connectivity	
Q6264A	HP 1.8m USB cable
Service & support	
UE663E	HP Care Pack, Return to HP, 2 years
UE199E	HP Care Pack, Return to HP, 3 years
UE666PE	HP Care Pack, Post Warranty, Return to HP, 1 year
UE665E	HP Care Pack, Next Business Day On-Site Response, 2 years
UE200A/E	HP Care Pack, Next Business Day On-Site Response, 3 years
UE669PE	HP Care Pack, Post Warranty, Next Business Day On-Site Response, 1 year
H3110E	HP Care Pack, Installation & Configuration For 1 Network Printer
H4513E	HP Care Pack, Installation For 1 HP Printer

For a complete list of supplies, accessories and services, please refer to <http://www.hp.com>

<http://www.hp.com/uk>



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