



Be more productive with HP's lowest-priced colour laser MFP, an easy-to-use multifunction device that delivers high quality colour documents. Print and copy with speeds up to 12 ppm black and 8 ppm colour and enjoy easy scanning and faxing<sup>1</sup>.



HP Color LaserJet  
CM1312 MFP



HP Color LaserJet  
CM1312nfi MFP

**An excellent choice for individuals or workteams of 2-5 users in any sized business who need an affordable, reliable, easy-to-use multifunction device to produce a wide range of business documents.**

**Easily achieve professional-quality results with HP's most affordable colour laser MFP with fax<sup>2</sup>.**

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 fax<sup>2</sup>. 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 fax<sup>2</sup> functionality in one compact, easy-to-use solution. Share functionality with integrated 10/100 Base TX networking<sup>2</sup>, 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 feeder<sup>2</sup>.

**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 rotating 6.1cm colour graphics display<sup>2</sup>. All-in-one Original HP print cartridges are clean and easy to install and replace. Easily scan flat or bound documents, or objects. Turn scanned text into editable files with Readiris PRO optical character recognition software. Manage, monitor and maintain about 15 HP LaserJets with HP Easy Printer Care Software.

<sup>1</sup> Available with HP Color LaserJet CM1312nfi MFP

<sup>2</sup> Available with HP Color LaserJet CM1312nfi MFP.

## Technical specifications

<b>Print technology</b>	Laser			
<b>Print speed</b>	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.			
<b>Processor</b>	450 MHz. Freescale Coldfire® V5X embedded processor			
<b>Memory</b>	CM1312: 128 MB; CM1312nfi: 160 MB			
<b>Print</b>	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		
<b>Fax</b>	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, 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 pages		
	Fax resolution	Standard: 203 x 98 dpi. Fine: 203 x 196 dpi. Superfine: 300 x 300 dpi (no halftone)		
	Fax Smart Software Features	Auto Fax Reduction; Auto Fax Redialing; Up to 120 Faxing Speed Dialing Numbers (Maximum); Fax Broadcasting; Up to 120 (Maximum Locations); Delayed Fax Sending; Fax Distinctive Ring Detection; Fax Forwarding; Fax Phone TAM Interface Support; Fax Polling (receive only); Fax Speed/Metric A4: 3 sec per page (Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory); PC Fax Software included		
<b>Scan</b>	Type	Colour scanning: Yes. File Formats: BMP, GIF, JPG, PNG, TIF, PDF		
	Scan resolution	Optical: Up to 1200 dpi. Enhanced: Up to 19200 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: 5.4 x 7 cm. Maximum media size: 21.6 x 29.7 cm		
	Margins for scanned items	Left: 4.2 mm. Top: 4.2 mm. Right: 4.2 mm. Bottom: 4.2 mm		
	Scanner smart software features	CM1312: Advanced instant-on CIS flatbed scanner for immediate results; 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; Readiris PRO text recognition software; CM1312nfi: Advanced instant-on CCD flatbed Scanner for immediate results on individual sheets, books, bound documents, or even 3-D objects; TWAIN, WIA Drivers; HP Scanning software; scan key on control panel for scan-to-e-mail and scan-to-folder capability; 50 sheet Automatic Document Feeder (ADF) for unattended scanning of multiple pages; automatic scan calibration, scan image straightening, cropping, and image enhancement; HP Document Viewer for document annotation capability; Readiris PRO text recognition software		
<b>Copy</b>	Copy speed	Black: Up to 12 cpm. Colour: Up to 8 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		
<b>Media handling</b>	<b>Input:</b>	<b>Capacity</b>	<b>Weight</b>	<b>Size</b>
	Tray 1	sheets: 150, envelopes: 10	60 to 176 g/m <sup>2</sup> (up to 200 g/m <sup>2</sup> with HP laser cover papers, up to 220 g/m <sup>2</sup> with HP laser glossy photo papers)	A4, A5, B5, A6 (ISO, JIS), 76 x 127 to 216 x 356 mm
	ADF	sheets: 50 (CM1312nfi)		A4, A5, B5 (ISO, JIS), 127 x 127 to 216 x 356 mm (CM1312nfi)
	<b>Output:</b>	Sheets: Up to 125. Envelopes: Up to 10. Transparencies: Up to 50		
	<b>Duplex printing:</b>	Manual (driver support provided)		

## Ordering information

<b>CC430A</b>	HP Color LaserJet CM1312 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)
<b>CC431A</b>	HP Color LaserJet CM1312nfi MFP 33.6 Super G3 fax, 50-sheet automatic document feeder, 10/100 networking, additional 32MB of memory, 6.1 cm colour graphics display, photo memory card slots



## Technical specifications

<b>Media types</b>	Paper (bond, brochure, colour, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
<b>Interface and connectivity</b>	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
<b>Memory card compatibility</b>	CompactFlash Type I and II, Memory Stick, Secure Digital, MultiMediaCard, xD-Picture Card
<b>Operating systems compatibility</b>	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: <a href="http://www.hp.com/support/cljcm1312mfp">http://www.hp.com/support/cljcm1312mfp</a>
<b>Network operating systems compatibility</b>	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
<b>Minimum system requirements</b>	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 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
<b>Standard software</b>	CM1312: HP Toolbox, HP LaserJet Scan, TWAIN 1.9 or VIA 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 VIA 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
<b>Control panel</b>	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.
<b>Power</b>	Requirements: Input voltage 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz). Consumption: 295 watts maximum (printing), 310 watts maximum (copy/scan), 21 watts maximum (ready), 7.2 watts maximum (sleep), 0 watts (off)
<b>Dimensions (w x d x h)</b>	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
<b>Weight</b>	Out of package: CM1312: 21.2 kg; CM1312nfi: 24.7 kg. Packaged: CM1312: 27.25 kg; CM1312nfi: 35.34 kg
<b>Printer management</b>	HP Toolbox, HP Web Jetadmin, HP Embedded Web Server, HP Easy Printer Care Software
<b>Operating environment</b>	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)
<b>Certifications</b>	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
<b>Warranty</b>	One-year, return to authorised service centre, limited hardware warranty



Office Technology Irl. Ltd.,  
Unit G9 Riverview Business Park,  
Nangor Road,  
Dublin 12.  
Tel: 01 460 44 44  
Fax: 01 460 33 33  
Email: [info@officetechnology.ie](mailto:info@officetechnology.ie)  
Website: [www.officetechnology.ie](http://www.officetechnology.ie)



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## Ordering information

Supplies	
<b>CB540A</b>	HP Color LaserJet CB540A Black Print Cartridge with ColorSphere Toner Average continuous Black Cartridge yield 2,200 standard pages. Declared yield value in accordance with ISO/IEC 19798
<b>CB541A</b>	HP Color LaserJet CB541A Cyan Print Cartridge with ColorSphere Toner Average continuous composite Cyan/Yellow/Magenta Cartridge yield 1,400 standard pages. Declared yield value in accordance with ISO/IEC 19798
<b>CB542A</b>	HP Color LaserJet CB542A Yellow Print Cartridge with ColorSphere Toner Average continuous composite Cyan/Yellow/Magenta Cartridge yield 1,400 standard pages. Declared yield value in accordance with ISO/IEC 19798
<b>CB543A</b>	HP Color LaserJet CB543A Magenta Print Cartridge with ColorSphere Toner Average continuous composite Cyan/Yellow/Magenta Cartridge yield 1,400 standard pages. Declared yield value in accordance with ISO/IEC 19798
Media supplies	
<b>Q8843A</b>	HP Colour Laser Photo Paper 220 Glossy-220 g/m <sup>2</sup> /10 x 15 cm/100 sht
<b>Q2552A</b>	HP Professional Laser Paper 130 Glossy-130 g/m <sup>2</sup> /A4/210 x 297 mm/250 sht
<b>CHP390</b>	HP Colour Laser Paper 80 g/m <sup>2</sup> /A4/210 x 297 mm/500 sht
Connectivity	
<b>Q6264A</b>	HP 1.8m USB cable
Service & support	
<b>UE663E</b>	HP Care Pack, Return to HP, 2 years
<b>UE199E</b>	HP Care Pack, Return to HP, 3 years
<b>UE666PE</b>	HP Care Pack, Post Warranty, Return to HP, 1 year
<b>UE665E</b>	HP Care Pack, Next Business Day On-Site Response, 2 years
<b>UE200A/E</b>	HP Care Pack, Next Business Day On-Site Response, 3 years
<b>UE669PE</b>	HP Care Pack, Post Warranty, Next Business Day On-Site Response, 1 year
<b>H3110E</b>	HP Care Pack, Installation & Configuration For 1 Network Printer
<b>H4513E</b>	HP Care Pack, Installation For 1 HP Printer

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

