HP LaserJet Pro CM1415 Color Multifunction Printer series

Ideal for businesses that want a colour MFP to print from the Web[1] and mobile devices using HP ePrint[2]; and copy, scan and fax. Connect to a wired or wireless network[3]and use a colour touchscreen to print vivid documents.

Bring easy, touchscreen printing to your office.

- Use business apps and the 8.9 cm (3.5-inch) colour touchscreen to access and print information from the Web[1].
- Print from anywhere, anytime, with a smartphone, notebook PC or other mobile device, using HP ePrint[2].
- Easily copy both sides of an ID card onto a single-sided document.
- Spend more time on business: install and set up your MFP with just a few clicks, and enjoy easy maintenance.HP LaserJet print cartridges are easy to order and install, and HP SureSupply[4] helps you shop for supplies.

Produce professional-quality marketing materials.

- Make the most of your printed images with HP ImageREt 3600 which enhances print resolution to deliver crisp detail and consistent colour.
- Enhance the quality of your copied images, text and graphics with automatic copy optimisation.
- Print crisp text and vivid colour images – use Original HP LaserJet print cartridges with HP ColorSphere toner.
- Print black text affordably – at the same cost per page as a black-and-white HP LaserJet printer[5].

Increase productivity – share the MFP on a network.

- Connect wirelessly to the MFP and print from virtually anywhere in your office, using 802.11b/g/n wireless[3].Boost office efficiency by sharing printing resources using built-in 10/100 Ethernet.
- Start and finish printing sooner from low-power or Ready modes, using Instant-on Technology.
- Copy and scan documents with multiple pages, unattended, using the 35-page automatic document feeder.
- Print quickly and conveniently with a front-panel USB port.

ecoHIGHLIGHTS

- Reduce energy use up to 50% with Instant-on Technology[1].
- Avoid reprints with the consistency of Original HP toners plus HP Professional Color Technologies.
- Print what you need and save paper with HP do-it-yourself marketing solutions.

ENERGY STAR® Qualified
[1] 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. Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.

www.hp.com/ecosolutions

[1] Requires an Internet connection to the printer. Services may require registration. Applications availability varies by country and requires a firmware upgrade. For details, www.hp.com/go/ePrintCenter.
[2] May require an Internet connection to the printer. Feature works with any Internet and e-mail-capable device and requires a firmware upgrade. For details, www.hp.com/go/ePrintCenter.
[3] Built-in wireless is available on the HP LaserJet Pro CM1415fnw Color MFP. Wireless performance is dependent upon physical environment and distance from access point, and may be limited during active VPN connections.
[4] Programme features and availability may vary by country. For more information, visit www.hp.com/learn/suresupply.
[5] Compared with HP LaserJet Pro P1566/ P1606dn printer (single function) and HP LaserJet Pro M1536dnf MFP. Assuming customer is printing at least 30 percent of total pages in colour with content similar to the colour ISO/IEC 19798 test suite (www.iso.org/jtc1/sc28) and overall average job length of three pages. Yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of colour pages printed, and other factors.

TECHNICAL SPECIFICATIONS

Functions	Print, copy, scan, fax
Standard Printer Languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation (via Universal Print Driver)
Print Resolution	**Black (best)**: Up to 600 x 600 dpi; **Black (normal)**: Up to 600 x 600 dpi **Colour (best)**: Up to 600 x 600 dpi
Print Technology Resolution	HP ImageREt 3600
Print Technology	Laser
Print Speed	**Black (A4)**: Up to 12 ppm; **First Page Out Black**: As fast as 26 sec **Colour**: Up to 8 ppm; **First page out Colour**: As fast as 32 sec
Number Of Print Cartridges	4 (1 each black, cyan, magenta, yellow)
Printer Smart Software Features	With HP ePrint, print from anywhere, anytime from mobile devices; 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; print from front-panel USB (PDF & JPEG); 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
Duty Cycle	**Monthly, A4**: Up to 30000 pages
Recommended Monthly Page Volume	300 to 1500
Twain Version	Version 1.9
Color Scanning	Yes
Scan Type	Flatbed, ADF
Scan Resolution	**Enhanced**: Up to 19200 dpi; **Optical**: Up to 1200 dpi
Scan Speed	**Black (normal)**: Up to 12 ppm; **Colour (normal)**: Up to 8 ppm; **ADF**: Up to 12 ppm (black, normal); Up to 8 ppm (colour, normal)
Gray Scale Levels/Bit Depth	256; 30-bit
Scan File Format	PDF, Searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF
Scan Input Modes	From PC – Solution Center Lite (XP, Vista) or Device Stage (Win7), TWAIN compliant or WIA-compliant software
Scan Size Maximum	**Flatbed**: 216 x 297 mm
Copy Resolution	**Black (text and graphics)**: Up to 600 x 600 dpi; **Colour (text and graphics)**: Up to 600 x 600 dpi
Copy Speed	**Black (A4)**: Up to 12 cpm; **Colour**: Up to 8 cpm
Maximum Number Of Copies	Up to 99 copies
Copier Resize	25 to 400%
Fax Resolution	**Black and White, Best Mode**: Up to 203 x 196 dpi; **Black and White, Standard Mode**: 203 x 98 dpi
Fax Speed	Up to 33.6 kbps
Fax Features	**Fax Memory (A4)**: Up to 250 pages; **Auto Fax Reduction Supported**: Yes; **Auto-Redialing**: Yes; **Fax Delayed Sending**: Yes; **Distinctive Ring Detection Supported**: Yes; **Fax Forwarding Supported**: Yes; **Fax Phone TAM Interface Supported**: Yes; **Fax Polling Supported**: Yes (receive only); **Fax Telephone Mode Supported**: Yes; **Junk Barrier Supported**: Yes; **Maximum Speed Dialing Numbers**: 120 numbers; **PC Interface Supported**: Yes (PC Fax send only); **Remote Retrieval Capability Supported**: No; **Telephone Handset Supported**: No
Modem	33.6 kbps
Control Panel	Intuitive touchscreen control panel with colour graphic display; buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error, Wireless)
Display	8.9 cm touchscreen Colour Graphic Display (CGD)
Maximum/Standard Memory	160 MB
Processor Type/Speed	ARM 11 embedded processor; 600 MHz
Duplex Print Options	Manual (driver support provided)
Media Type And Capacity, tray 1	**ADF**: Sheets: 35, transparencies: 1; **Tray 1**: Sheets: 150; envelopes: 10
Media Types Supported	Paper (bond, brochure, colour, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
Media Sizes Supported	A4; A5; A6; 10 x 15 cm; B5 (ISO, JIS)
Media Weight	**ADF**: 60 to 90 g/m²; **Tray 1**: 60 to 176 g/m² (up to 200 g/m² with HP laser cover papers, up to 220 g/m² with HP laser glossy photo papers)
Custom Media Sizes	76 x 127 to 216 x 356 mm
Auto Document Feeder Capacity	Standard, 35 sheets
Print Handling	**Input Capacity:** Up to 150 sheets, Up to 10 envelopes **Output Capacity:** Up to 125 sheets, Up to 10 envelopes, Up to 50 sheets transparencies
Power	**Power Supply Type:** Built-in power supply **Power Requirements:** Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz) **Power Consumption:** 285 watts active, 0.1 watts off, (Auto-Off) powersave, 9.0 watts powersave, 17.5 watts standby **Typical Electricity Consumption (TEC) Number:** 1.791 kWh/Week
Software Included	Microsoft® Windows®: HP Installer/Uninstaller, HP PCL 6 print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, HP Fax Setup Wizard, HP Send Fax, HP Fax Print Driver, ReadIris Software; Mac: HP Installer/Uninstaller, HP PS driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, HP Ink Widget, HP Utility, Readiris Software

Compatible Operating Systems	Full software installs supported on: Windows®7 32-bit and 64-bit, Windows Vista® 32-bit and 64-bit, Microsoft® Windows® XP 32-bit (SP2 or higher); Driver only installs supported on: Microsoft® Windows® Server 2008 32-bit and 64-bit, Windows® Server 2003 32-bit (SP3 or higher); Mac OS X v10.5.8, v10.6; Linpus Linux (9.4, 9.5), RED HAT Enterprise Linux 5.0 (supported with a pre-built package); SUSE Linux (10.3, 11.0, 11, 11.1, 11.2), Fedora™ (9, 9.0, 10, 10.0, 11.0, 11, 12, 12.0), Ubuntu® (8.04, 8.04.1, 8.04.2, 8.10, 9.04, 9.10, 10.04), Debian (5.0, 5.0.1, 5.0.2, 5.0.3) (supported by the automatic installer); HPUX 11 and Solaris® 8/9
Minimum System Requirements	**PC:** Windows® 7, Windows Vista®: 1 GHz 32-bit(x86) or 64-bit(x64) processor, 1 GB RAM (32-bit) or 2 GB RAM (64-bit), 200 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port; Microsoft® Windows® XP (32-bit) (SP2): Pentium® 233 MHz processor, 512 KB RAM (32-bit) or 2 GB RAM (64-bit), 200 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port; **MAC:** Mac OS X v10.5.8, v10.6; PowerPC G4, G5, or Intel® Core Processor; 256 MB RAM; 300 MB free hard disk space; CD/DVD-ROM or Internet; USB or Network port
Acoustics	**Acoustic Power Emissions:** 6.1 B(A) **Acoustic Pressure Emissions:** 48 dB(A)
Operating Environment	**Operating Temperature Range:** 15 to 32.5° C **Recommended Operating Temperature:** 17 to 25° C **Storage Temperature Range:** -20 to 40° C **Non-Operating Humidity Range:** 0 to 95% RH **Operating Humidity Range:** 10 to 80% RH **Recommended Humidity Operating Range:** 20 to 80% RH
Product Certifications	CISPR 22: 2005 +A1/EN 55022: 2006 +A1 Class B, EN 61000-3-2: 2006, EN 61000-3-3: 1995+A1 +A2, EN 55024: 1998+A1+A2, FCC Title 47 CFR, ICES-003, Issue 4, GB 9254-1998, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries; **Safety certifications:** IEC 60950-1 (International); EN 60950-1+A11 (EU); 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; **ENERGY STAR:** Yes;
Product Dimensions	**w x d x h:** 443 x 472 x 415 mm
Product Weight	22.7 kg
What's In The Box	**CE861A:** HP LaserJet Pro CM1415fn color MFP; Preinstalled introductory 750-page black, cyan, magenta, yellow HP Color LaserJet print cartridges with ColorSphere toner; Control panel; ADF input support; CDs containing device software and electronic User's Guide; Readiris PRO text recognition software; Readiris registration card; Installation Guide; Support flyer; Power cord(s); Phone cord(s); **CE862A:** HP LaserJet Pro CM1415fnw color MFP; Preinstalled introductory 750-page black, cyan, magenta, yellow HP Color LaserJet print cartridges with ColorSphere toner; Control panel; ADF input support; CDs containing device software and electronic User's Guide; Readiris PRO text recognition software; Readiris registration card; Installation Guide; Support flyer; Power cord(s); Phone cord(s); USB cable;
Warranty	One year limited warranty. Warranty and support options vary by product, country and local legal requirements.
Country Of Origin	Product of China
Supplies	**CE320A** HP 128A Black LaserJet Print Cartridge Average continuous Black Cartridge yield 2000 standard pages. Declared yield value in accordance with ISO/IEC 19798. **CE321A** HP 128A Cyan LaserJet Print Cartridge **CE322A** HP 128A Yellow LaserJet Print Cartridge **CE323A** HP 128A Magenta LaserJet Print Cartridge **Q6544A** HP Professional Matt Laser Paper-150 sht/A4/210 x 297 mm **Q6550A** HP Professional Matt Laser Photo Paper-100 sht/A4/210 x 297 mm **CG964A** HP Professional Glossy Laser Paper 120 gsm-250 sht/A4/210 x 297 mm **CG965A** HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm **CG966A** HP Professional Glossy Laser Photo Paper 200 gsm-100 sht/A4/210 x 297 mm **CG970A** HP Professional Glossy Laser Photo Paper 200 gsm-100 sht/10 x 15 cm **Q1298B** HP LaserJet Tough Paper-50 sht/A4/210 x 297 mm
Service And Support Options	**UX453E** HP Care Pack, Exchange Service (standard turn around time), 3 years **UX452E** HP Care Pack, Exchange Service (standard turn around time), 2 years **UX435E** HP Care Pack, Next Business Day Exchange Service, 3 years **UX434E** HP Care Pack, Next Business Day Exchange Service, 2 years **UX433E** HP Care Pack, Next Business Day Exchange Service, 1 year **UX439E** HP Care Pack, Return to Depot Exchange Service, 3 years **UX438E** HP Care Pack, Return to Depot Exchange Service, 2 years. (UX453E/UX452E: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK. UX435E/UX434E/UX433E: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia. UX439E/UX438E: Baltics, Bulgaria, Czech Republic, Dom Tom, EEM, Greece, Hungary, Israel, Malta, MEMA, Moldova, Poland, Romania, South Africa, Russia, Slovakia, Slovenia, Turkey)

Count on dependable support to create the best image possible. We can help you enhance your printing and imaging environment, protect your IT investment, and grow your business—with expert support that's affordable, personal, and tailored to your needs through HP Care Pack Services.

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