



# HP Color LaserJet Pro M283fdw

Extraordinary, wireless two-sided printing.<sup>2</sup> Professional MFP productivity, plus fax.

An efficient, wireless MFP with fax for high-quality color and productivity.<sup>2</sup> Save time with Smart Tasks in HP Smart app, and print and scan from your phone.<sup>3</sup> Get seamless connections and strong security designed to help detect and stop attacks.



Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.  
<http://www.hp.com/go/learnaboutsupplies>

**Print Speed:** Letter: Up to 22 ppm black; Up to 22 ppm Color; First Page Out: As fast as 10.3 sec black  
**Print Resolution:** Black (best): Up to 600 x 600 dpi; Color (best): Up to 600 x 600 dpi  
**Scan Resolution:** Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi  
**Copy Resolution:** Black (text & graphics): Up to 600 x 600 dpi; Color (text & graphics): Up to 600 x 400 dpi  
**Fax Resolution:** Black (best): Up to 300 x 300 dpi  
**Standard Connectivity:** Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000 Base-TX network port, 802.11n 2.4/5GHz wireless, Fax port, Front Host USB  
**Mobile Printing Capability:** HP Smart App; HP ePrint; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing  
**Duty cycle:** Monthly (letter): Up to 40,000 pages  
**Display:** 2.7" color graphic screen

## Freedom to work anywhere

- Get easy printing and scanning from your mobile device, with HP Smart – best-in-class mobile print app.<sup>3,4</sup>
- Eliminate steps in repetitive tasks with customizable shortcuts, with Smart Tasks in HP Smart app.<sup>3</sup>
- Organize documents 50% faster with Smart Tasks<sup>5</sup> – first mobile print app that automates scanning tasks.<sup>6</sup>
- Get notifications when printing, scanning, or copying from your mobile device, using HP Smart app.<sup>3</sup>

## Trusted HP quality and performance

- Get high-quality color and peak printing performance with Original HP Toner cartridges with JetIntelligence.
- Breeze through tasks with automatic two-sided printing and a 50-page automatic document feeder.
- Easily manage print, scan, copy, and fax tasks at the device with an intuitive touchscreen.
- Help save energy with HP Auto-On/Auto-Off Technology and this ENERGY STAR® certified color laser MFP.<sup>7</sup>

## Strong security, reliable connections

- Help protect your data. Get strong security with real-time threat detection and software validation.
- Get faster, more reliable connections with dual band Wi-Fi®.<sup>8</sup>
- Easily share resources – access and print with wireless and Ethernet networking.<sup>2</sup>
- Connect your mobile device directly to your printer – and easily print without accessing a network.<sup>9</sup>



<sup>1</sup> Fax capabilities available only on HP Color LaserJet Pro MFP M283cdw, HP Color LaserJet Pro MFP M283fdn, and HP Color LaserJet Pro MFP M283fdw. Wireless capabilities available only on HP Color LaserJet Pro MFP M282nw, HP Color LaserJet Pro MFP M283cdw, and HP Color LaserJet Pro MFP M283fdw. <sup>2</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <http://www.hp.com/go/mobileprinting> <sup>3</sup> Requires the HP Smart app download. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>. Certain features/software are available in English language only. <sup>4</sup> Compared to OEM mobile printing apps for the majority of top-selling inkjet & laser printers & all-in-ones for home & home office, priced less than or equal to \$429.99 USD. Market share as reported by IDC CYQ2 2018 Hardcopy Peripherals Tracker. Claim based on research of printer manufacturer's mobile print apps and Keypoint Intelligence - Buyers Lab hands-on testing and study commissioned by HP. See September 2018 report at <http://www.keypointintelligence.com/HPSmartApp> <sup>5</sup> Based on internal HP testing. Average timing estimate based on: 1) downloaded HP Smart app on mobile or desktop device, 2) setting up Smart Tasks shortcut, 3) scanning jobs which have more than 2-3 tasks associated with them (scan to email, save and rename, store to cloud, etc.). Average timing savings comparison based on using printer and desktop scan software to complete similar scanning tasks. Requires the HP Smart app download and supported HP printer. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>. Certain features/software are available in English language only. <sup>6</sup> Compared to the majority of competing in-class consumer color desktop inkjet all-in-ones <\$299 USD. Keypoint Intelligence - Buyers Lab 2018 research study commissioned by HP based on research survey of printer manufacturers' published specifications, sustainability reports and press releases as of 12/15/2018 and not confirmed by lab testing. Market share as reported by IDC CYQ3 2018 Hardcopy Peripherals Tracker, CYQ3 2018 Release. The ability to automate work defined as having the capability to use the OEM mobile print app to create a multistep workflow on mobile device and have a shortcut appear on the app and/or on control panel of printer; and/or use intelligent Optical Character Recognition to name a scanned file based on the first few words of a document. For more details, see <http://www.keypointintelligence.com/HPOfficeJetPro> <sup>7</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. <sup>8</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <http://www.hp.com/go/mobileprinting>. Wi-Fi is a registered trademark of Wi-Fi Alliance®, Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) vs 2.4 GHz band (up to 72.2 mbps). <sup>9</sup> Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Details at <http://www.hp.com/go/mobileprinting>. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®. <sup>10</sup> Based on the reduced energy use of HP LaserJet printers and cartridges with JetIntelligence introduced since 2015 compared to previous toner versions without JetIntelligence, using EnergyStar methodology.

# HP Color LaserJet Pro M283fdw Technical specifications

Functions / Multitasking supported	Print, Copy, Scan, Fax / Yes
Print speed black	<b>Letter:</b> Up to 22 ppm; <b>First page out:</b> As fast as 10.3 sec; <b>Print speed Duplex:</b> Up to 13 ppm
Print speed color	<b>Letter:</b> Up to 22 ppm; <b>First Page Out:</b> As fast as 11.7 sec; <b>Print speed Duplex:</b> Up to 13 ppm
Print resolution	<b>Black (best):</b> Up to 600 x 600 dpi; <b>Color (best):</b> Up to 600 x 600 dpi
Print technology	Laser
Print resolution technologies	HP ImageREt 3600
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Standard print languages	HP PCL6; HP PCL5c; HP postscript level 3 emulation; PwG raster; PDF; PCLm; PCLm-S; NativeOffice; URF
Printer smart software features	2.7 in color touchscreen, Automatic 2-sided printing, Wireless printing, Ethernet networking, Wireless direct printing, HP ePrint, Apple AirPrint™, Mopria-certified, Google Cloud Print, HP Auto-On/Auto-Off technology, HP Smart App, Smart task shortcuts in HP Smart App, HP JetAdvantage Secure Print (Optional)
Scan type / Technology	Flatbed, ADF Contact Image Sensor (CIS)
Scan resolution	<b>Hardware:</b> Up to 300 x 300 dpi (color and mono ADF); up to 1200 x 1200 dpi (Flatbed); <b>Optical:</b> Up to 300 dpi (color and mono ADF); up to 1200 dpi (Flatbed)
Scan file format	JPG, RAW (BMP), PNG, TIFF, PDF
Scan input modes	Front-panel scan, copy, e-mail, fax; HP Scan software; and user application via TWAIN or WIA
Scan size maximum	<b>ADF:</b> 8.5 x 14 in; <b>Flatbed:</b> 8.5 x 11.7 in
Scan speed	Up to 28 ppm (B/W); 23 ppm (Color)
Scanner advanced features	HP Scanning software; Scan-to-E-mail, network folder; 50-sheet Automatic Document Feeder (ADF) for unattended scanning of multiple pages; automatic scan cropping; Scan to Google Drive/Drop box (PC); Scan to FTP(PC); Scan to Microsoft One Drive, Share Point (PC); Save as editable file (text, PDF)
Bit depth / Grayscale levels	8-bit (mono); 24-bit (color)/256
Digital sending standard features	Scan to email; scan to folder; scan to USB drive
Copy speed Black	<b>Copy speed:</b> Up to 22 cpm; <b>Copy speed Duplex:</b> Up to 13 cpm
Copy speed Color	<b>Copy speed:</b> Up to 22 cpm; <b>Copy speed Duplex:</b> Up to 13 cpm
Copy resolution	<b>Black (text and graphics):</b> Up to 600 x 600 dpi; <b>Color (text and graphics):</b> Up to 600 x 400 dpi
Maximum number of copies	Up to 99 copies
Copier settings	Number of copies; Reduce/Enlarge; Lighter/Darker; Optimize; Paper; Multi-page copy; Collation; Draft Mode; Image Adjustment; Set as New Defaults; Restore Defaults
Copier resize	25 to 400%
Fax resolution	<b>Black (best):</b> Up to 300 x 300 dpi; <b>Black (standard):</b> 203 x 98 dpi
Fax smart software features	Auto redialing, delayed sending, fax forwarding, TAM interface, distinctive ring detection, cover page wizard (Software only), block fax, billing codes, poll receive, fax activity reports, dial prefix setting
Fax Features	<b>Fax memory:</b> Up to 1300 pages; <b>Auto fax reduction supported:</b> Yes; <b>Auto-redialing:</b> Yes; <b>Fax delayed sending:</b> Yes; <b>Distinctive ring detection supported:</b> Yes; <b>Fax forwarding supported:</b> Yes; <b>Fax phone TAM interface supported:</b> Yes; <b>Fax polling supported:</b> Yes (receive only); <b>Fax telephone mode supported:</b> Yes; <b>Junk barrier supported:</b> Yes; <b>CSID (matching only) (Caller ID not supported):</b> Yes; <b>Maximum speed dialing numbers:</b> Up to 120 numbers; <b>PC interface supported:</b> Yes; <b>Remote retrieval capability supported:</b> No; <b>Telephone handset supported:</b> Yes
Standard connectivity	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000 Base-TX network port, Built in dual band 802.11n 2.4/5GHz wireless, Fax port, Front Host USB
Network capabilities	Yes, via built-in 10/100/1000 Base-TX Ethernet; Auto-crossover Ethernet; Authentication via 802.11x
Wireless capability	Built-in dual band 802.11 b/g/n; authentication via WEP, WPA/WPA2, or 802.11x; encryption via AES or TKIP; WPS; Wi-Fi Direct
Mobile printing capability	HP Smart App; HP ePrint; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing
Memory	<b>Standard:</b> 256 MB DDR, 256 MB Flash; <b>Maximum:</b> 256 MB DDR, 256 MB Flash
Processor speed	800 MHz
Duty cycle	<b>Monthly, letter:</b> Up to 40,000 pages
Recommended monthly page volume	150 to 2500
Media types supported	Paper (bond, brochure, colored, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
Media weight supported	16 to 43 lb (Uncoated/Matte, recommended), however up to 47 lb Postcards and 53 lb HP Matte is allowed in the driver; 16 to 43 lb (Coated/Glossy, recommended), however up to 47 lb Postcards and 59 lb HP Glossy is allowed in the driver.
Media sizes supported	Letter(8.5 x 11); Legal(8.5 x 14); Executive(7.2 x 10.5); Oficio 8.5x13(8.5 x 13); 4 x 6(4 x 6); 5 x 8(5 x 8); A4(8.3 x 11.7); A5(5.8 x 8.3); A6(4.1 x 5.8); B5(US)(7.2 x 10.1); B6(US)(5 x 7.2); 10x15cm(3.9 x 5.9); Oficio 216x340 mm(8.5 x 13.4); 16K 195x270mm(7.6 x 10.6); 16K 184x260mm(7.2 x 10.2); 16K 197x273mm(7.8 x 10.7); Postcard (US)(3.9 x 5.8); Double Postcard(US)(5.8 x 7.9); Envelope #10(4.1 x 9.5); Envelope Monarch(3.9 x 7.5); Envelope B5(6.9 x 9.8); Envelope C5(6.4 x 9); Envelope DL(4.3 x 8.7); A5-R(8.3 x 5.8)
Media Sizes Custom	3 x 5 to 8.5 x 14 in

Introductory cartridges included, ~1350 page yield black and ~700 page yield color composite (C/Y/M). 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. Power consumption values typically based on measurement of 115V device. <sup>3</sup> Replacement 206A cartridge average composite (C/Y/M) declared yield ~1250 and average black yield ~1350 pages; replacement cartridge average composite (C/Y/M) declared yield ~2450 and average black yield ~3150 pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. <sup>4</sup> Declared yield value in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. <sup>5</sup> HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit <http://www.hp.com/go/SureSupply>, only available with Original HP supplies; Internet access required. <sup>6</sup> 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. Energy Star value typically based on measurement of 115V device. <sup>7</sup> HP recommends that the number of scanned pages per month be within the stated range for optimum device performance. <sup>8</sup> Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit); "Compatible Operating Systems" are not supported with INBOX software, but downloadable on online; Full solution software available only for Windows 7 and newer; Windows Server OS install driver only; Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software

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<b>Paper handling</b>	<b>Input Capacities:</b> 1-sheet in Tray 1; Up to 250 sheets (25 mm stack height) in Tray 2 Standard; Up to 15 mm (Recommended only 5 envelopes or less at a time); <b>Output Capacities:</b> Up to 100 sheets (10 mm stack height) Standard; 10 mm stack height; <b>Duplex Options:</b> Automatic (standard) <b>Envelope feeder:</b> No <b>Standard paper trays:</b> 2
<b>What's in the box</b>	<b>7KW75A</b> HP Color LaserJet Pro MFP M283fdw; HP LaserJet Black Introductory toner cartridge (~800 page yield); HP LaserJet Cyan Introductory toner cartridge; HP LaserJet Magenta Introductory toner cartridge; HP LaserJet Yellow Introductory toner cartridge (~700 color composite C/Y/M page yield) Installation guide; Power cord; USB cable; Phone Cord
<b>Replacement cartridges<sup>3</sup></b>	HP 206A Black LaserJet Toner Cartridge (~1350 yield) W2110A; HP 206A Cyan LaserJet Toner Cartridge (~1250 yield) W2111A; HP 206A Yellow LaserJet Toner Cartridge (~1250 yield) W2112A; HP 206A Magenta LaserJet Toner Cartridge (~1250 yield) W2113A; HP 206X Black LaserJet Toner Cartridge (~3150 yield) W2110X; HP 206X Cyan LaserJet Toner Cartridge (~2450 yield) W2111X; HP 206X Yellow LaserJet Toner Cartridge (~2450 yield) W2112X; HP 206X Magenta LaserJet Toner Cartridge (~2450 yield) W2113X
<b>Product dimensions</b>	<b>W x d x h:</b> 16.5 x 16.6 x 13.2 in; <b>Maximum:</b> 16.7 x 18.7 x 13.3 in
<b>Product weight</b>	41.2 lb
<b>Warranty features</b>	One-year unit exchange warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.
<b>Energy efficiency compliance</b>	EPEAT® Silver; ENERGY STAR® qualified
<b>Control panel</b>	2.7" color graphic touch screen with 3 button at left side (Home, Help, Back)
<b>Display description</b>	2.7" color graphic touch screen
<b>Software included</b>	No CD (Software is not included In-Box) Downloadable Software only from <a href="http://hp.com">hp.com</a> , <a href="http://123.hp.com/laserjet">http://123.hp.com/laserjet</a> or <a href="http://123.hp.com">123.hp.com</a>
<b>Compatible operating systems<sup>8</sup></b>	Windows® 10, 8.1, 8, 7; 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows Vista® (32-bit only), 2 GB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only); any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher. Apple® macOS Sierra (v10.12) macOS High Sierra (v10.13) macOS Mojave (v10.14) macOS Catalina(v10.15); 200MB HD; Internet required for download; USB. Linux (For more information, see <a href="https://developers.hp.com/hp-linux-imaging-and-printing">https://developers.hp.com/hp-linux-imaging-and-printing</a> ). Unix (For more information, see <a href="http://www.hp.com">http://www.hp.com</a> )
Compatible network operating systems	Windows® 10, 8.1, 8, 7; 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows Vista® (32-bit only), 2 GB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only); any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher. Apple® macOS Sierra (v10.12) macOS High Sierra (v10.13) macOS Mojave (v10.14) macOS Catalina(v10.15); 200MB HD; Internet required for download; USB. Linux (For more information, see <a href="https://developers.hp.com/hp-linux-imaging-and-printing">https://developers.hp.com/hp-linux-imaging-and-printing</a> ). Unix (For more information, see <a href="http://www.hp.com">http://www.hp.com</a> )
Minimum system requirements	<b>PC:</b> Windows® 10, 8.1, 8, 7; 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows Vista® (32-bit only), 2 GB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only); any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher.; <b>Mac:</b> Apple® macOS Sierra (v10.12) macOS High Sierra (v10.13) macOS Mojave (v10.14) macOS Catalina(v10.15); 200MB HD; Internet required for download; USB
Power <sup>2</sup>	<b>Power supply type:</b> Internal (Built-in) power supply; <b>Power requirements:</b> 110-volt input voltage: 110 to 127 VAC (+/- 10%); 50 Hz (+/- 3 Hz); 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%); 50 Hz (+/- 3 Hz); 60 Hz (+/- 3 Hz)(Not dual voltage, product varies by part number with # Option code identifier) <b>Power consumption:</b> 361 watts (active printing), 7.8 watts (ready), 0.8 watts (sleep), 0.05 watt (Manual-Off), 0.05 (Auto-off/Manual-on), 0.06 watt(Auto-Off/Wake on LAN)
Acoustics	<b>Acoustic power emissions:</b> 6.4 B(A) (Mono), Simplex; 6.3 B(A) (Color), Simplex; 6.3 B(A) (Mono), Duplex; 6.3 B(A) (Color), Duplex; <b>Acoustic pressure emissions:</b> 50 dB(A) (Mono), Simplex; 50 dB(A) (Color), Simplex; 50 dB(A) (Mono), Duplex; 49 dB(A) (Color), Duplex
Operating environment	<b>Operating temperature range:</b> 50 to 90.5°F; <b>Recommended operating temperature:</b> 59 to 80.6°F; <b>Storage temperature range:</b> -4 to 104°F; <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended humidity operating range:</b> 30 to 70% RH

Learn more at  
<http://www.hp.com>

