Datasheet

HP Color LaserJet Pro MFP M477fdw

Unmatched print, scan, copy, and fax performance plus robust, comprehensive security for how you work. This color MFP finishes key tasks faster and guards against threats.[1] Original HP Toner cartridges with JetIntelligence produce more pages.[2]

Print Speed: Black & Color (letter): Up to 28 ppm
Print Resolution: Black & color (best): 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi
Copy resolution: 600 x 600 dpi
Display: 4.3" intuitive touchscreen Color Graphic Display (CGD)
Standard connectivity: Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000 Base-TX network port; Host USB
Paper Handling: 50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF), 150-sheet output bin

Speed through more tasks. Keep data protected.
- Scan digital files directly to email, USB, network folders, and the cloud with preloaded business apps.[3]
- Grab pages and go—without waiting around. This MFP wakes up and prints faster than the competition.[1]
- Breeze through multipage documents with two-sided printing that's faster than the competition.[1]
- Control access to print jobs and help keep printing safe with security features like LDAP authentication.[4]

Easy management. Efficient printing.
- Easily manage print jobs directly at the MFP—just tap and swipe the 4.3-inch (10.9 cm) touchscreen.[6]
- Easily print Microsoft® Word and PowerPoint® documents—now directly from your USB drive.[5]
- Easily manage devices and settings using HP Web Jetadmin with a suite of essential management features.[7]
- Print using less energy than competitors—enhanced by Original HP Toner cartridges with JetIntelligence.[8]

More. Pages, Performance, and Protection.
- Get the most prints for your money—with Original HP High Yield Color Toner cartridges with JetIntelligence.[2]
- Count on professional quality at high speeds with HP ColorSphere 3 toner.
- Help ensure you're getting the authentic HP quality you paid for with innovative anti-fraud technology.
- Print right away with preinstalled toner cartridges. Replace them with optional high-yield cartridges.

Stay connected with easy mobile printing options
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.[9]
- Count on wireless direct printing in the office—from mobile devices—without accessing the company network.[11]
- Help workers print with just a touch of their NFC-enabled mobile device to the printer—no network needed.[12]
- Easily access, print, and share resources with Ethernet and wireless networking.[10]

[1] Based on HP internal testing of top three leading competitors' first page out from sleep mode and duplex print and copy speed completed 8/2015. Subject to device settings. Actual results may vary. For details se hp.com/go/Ljclaims [2] Based on cartridge yields for HP 305X compared with HP 410X Original HP LaserJet Toner Cartridges. For more information, see hp.com/go/learnaboutsupplies [3] Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com [4] HP JetAdvantage Private Print is available at no charge and requires that the printer be connected to the Internet with web services enabled. Not available in all countries. For more information, see hpjetadvantage.com [5] Microsoft and PowerPoint are U.S. registered trademarks of the Microsoft group of companies. Feature works with Microsoft Word and PowerPoint 2003 and later. Only Latin language fonts are supported. [6] Requires a wireless access point and an Internet connection to the printer. Services require registration. App availability varies by country, language, and agreements and requires a firmware upgrade. For details, visit hpconnected.com [7] HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin [8] Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in energystar.gov of top three leading competitors as of 8/2015. Actual results may vary. For details see hp.com/go/Ljclaims [9] Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at hp.com/go/mobileprinting [10] Feature is only supported by the HP Color LaserJet Pro MFP M477fdw and M477fnw. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. [11] Feature is only supported by the HP Color LaserJet Pro MFP M477fdw and M477fnw. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct–capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Learn more at hp.com/go/businessmobileprinting [12] Feature is supported by the HP Color LaserJet Pro MFP M477fdw. Requires a compatible NFC-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see hp.com/go/nfcprinting

HP Color LaserJet Pro MFP M477fdw Specifications Table

Functions / Multitasking Supported	Print, copy, scan, fax, email / Yes
Print Speed	**Letter**: Up to 28 ppm black; Up to 28 ppm color[17] **First Page Out**: As fast as 8.9 sec black; As fast as 9.8 sec color[19]
Print Resolution	**Black (best)**: 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi; **Color (best)**: 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi
Print Technology	Laser
Print Resolution Technologies	HP ImageREt 3600, Pantone calibrated
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)
Standard Print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF, Native Office
Printer Smart Software Features	Auto-duplex printing, N-up printing, collation, HP ePrint, Apple AirPrint™, Mopria certified, Google Cloud Print, Wireless Direct Printing, HP Auto-On/Auto-Off Technology, Intuitive 4.3" touchscreen control panel, Print from Cloud using business apps on the control panel, HP JetAdvantage Private Print, Job Storage with PIN printing, Print from USB
Printer Management	Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP Imaging and Printing Security Center; HP Utility (Mac); HP Device Toolbox (Win 7)
Scan Type / Technology	Flatbed, ADF / Contact Image Sensor (CIS)
Scan Resolution	**Hardware**: Up to 1200 x 1200 dpi; **Optical**: Up to 1200 x 1200 dpi
Scan Input Modes	Front-panel scan, copy, email, fax, or file buttons; HP Scan software; and user application via TWAIN or WIA
Scan Size	**ADF**: 8.5 x 14 in Maximum; 4 x 6 in Minimum; **Flatbed**: 8.5 x 11.7 in
Scan Speed	Up to 26 ppm/47 ipm (b&w), up to 21 ipm/30 ipm (color)[22]**Duplex**: Up to 47 ipm (b&w), up to 30 ipm (color)
Scanner Advanced Features	Scan-to-E-mail; Scan-to-cloud; Scan-to-USB; Scan-to-network folder; LDAP e-mail lookup; Single-pass 2-sided scanning ADF
Native Scan File Format	PDF, JPG[11]
Software Scan File Format	Windows HP Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF. Mac HP Easy Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, JPG-2000, PNG, TIF[11]
Bit depth / Grayscale levels	30-bit / 256
Digital Sending Standard Features	Scan to email; scan to folder; scan to USB drive
Copy Speed	**Black (letter)**: Up to 28 cpm; **Color (letter)**: Up to 28 cpm[20]
Copy Resolution	**Black (text and graphics)**: 600 x 600 dpi; 600 x 600 dpi; **Color (text and graphics)**: 600 x 600 dpi
Maximum Number Of Copies	Up to 99 copies
Copier Resize	25 to 400%
Copier Settings	Number of copies; Reduce/Enlarge; Lighter/Darker; Optimize; Paper; Multi-page copy; Collation; Tray Select; Two-Sided; Draft Mode; Image Adjustment; Set as New Defaults; Restore Defaults
Fax Speed	**Up to**: 33.6 kbps ; **Letter**: 3 sec per page[10]
Fax Resolution	**Black (best)**: Up to 300 x 300 dpi; **Black (standard)**: 203 x 96 dpi
Fax Smart Software Features	Permanent fax memory backup; Auto fax reduction; Auto redialing; Delayed sending; Fax forwarding; TAM interface; Polling; Junk barrier; Distinctive ring detection; Cover page wizard; Block fax; Billing codes; Save and load; Poll receive; Fax activity reports; Dial prefix setting; Print fax log
Fax Features	**Fax Memory**: Up to 400 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, CSID matching only. (Caller ID not supported); **Maximum Speed Dialing Numbers**: Up to 120 numbers; **PC Interface Supported**: Yes (send only); **Remote Retrieval Capability Supported**: No; **Telephone Handset Supported**: No
Standard Connectivity	Hi-Speed USB 2.0 port; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; Easy-access USB
Network Capabilities	Via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; authentication via 802.1X
Network Ready	Standard (built-in Gigabit Ethernet, Wi-Fi)
Wireless Capability	Built-in Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wireless Direct Printing; NFC touch-to-Print
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Wireless Direct Printing, NFC touch-to-print, Mopria-certified, Google Cloud Print, Mobile Apps
Memory	**Standard**: 256 MB NAND Flash, 256 MB DRAM; **Maximum**: 256 MB NAND Flash, 256 MB DRAM
Processor Speed	1200 MHz
Duty Cycle	**Monthly, letter**: Up to 50,000 pages[8]
Recommended Monthly Page Volume	750 to 4,000
Media Types Supported	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes
Media Weight Supported	Tray 1: 16 to 47 lb (up to 52 lb with HP Color laser glossy photo papers); Tray 2: 16 to 43 lb (up to 47 lb with postcards, up to 52 lb with HP Color laser glossy photo papers); optional Tray 3: 16 to 43 lb (up to 47 lb with postcards, up to 40 lb with HP Color laser glossy photo papers); Automatic duplexer: 16 to 43 lb
Media Sizes Supported	Tray 1, Tray 2: Letter, legal, executive, Oficio (8.5 x 13 in), 3 x 5 in, 4 x 6 in, 5 x 8 in, envelopes (No 10, Monarch); Optional Tray 3: Letter, legal, executive,Oficio (8.5 x 13 in), 3 x 5 in, 4 x 6 in, 5 x 8 in; Automatic duplexer: Letter, legal, executive, Oficio (8.5 x 13 in)
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional Tray 3: 3.94 x 5.83 to 8.5 x 14 in
Paper Handling	50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF); 150-sheet output bin; **Duplex Options**: Automatic (standard); **Auto Document Feeder Capacity**: Standard, 50 sheets uncurled; **Envelope Feeder**: No; **Standard Paper Trays**: 2; **Input Capacities**: Up to 300 sheets; **Output Capacities**: Up to 150 sheets; Up to 20 envelopes

What's in the box	**CF379A** Printer; 4 preinstalled starter HP LaserJet toner cartridges (Black: ~2300 pages, CYM: ~1200 pages); In-box documentation (Getting Started Guide, Install Poster); Software drivers and documentation on CD-ROM; Power cord; USB cable; Built-in duplexer; Built-in fax[21]
Replacement Cartridges	HP 410A Black LaserJet Toner Cartridge (~2300 pages) CF410A; HP 410X Black LaserJet Toner Cartridge (~6500 pages) CF410X; HP 410A Cyan LaserJet Toner Cartridge (~2300 pages) CF411A; HP 410X Cyan LaserJet Toner Cartridge (~5000 pages) CF411X; HP 410A Yellow LaserJet Toner Cartridge (~2300 pages) CF412A; HP 410X Yellow LaserJet Toner Cartridge (~5000 pages) CF412X; HP 410A Magenta LaserJet Toner Cartridge (~2300 pages) CF413A; HP 410X Magenta LaserJet Toner Cartridge (~5000 pages) CF413X[5]
Product Dimensions	**W x D x H**: 16.4 x 18.6 x 15.7 in[15]; **Maximum**: 16.8 x 25.7 x 16.3 in
Product Weight	51.2 lb[1]
Warranty Features	One-year limited hardware warranty
Energy Efficiency Compliance	ENERGY STAR® certified; Blue Angel; EPEAT® Silver
Control Panel	4.3-in intuitive color touchscreen (CGD)
Display Description	4.3" intuitive touchscreen Color Graphic Display (CGD)
Software Included	For Windows OS: HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Send Fax, HP Device Toolbox, HP Fax Print Driver, HP Fax Setup Wizard, HP Product Improvement Study, HP Scan App and Drivers, Scan to e-mail setup Wizard, Scan to Folder Setup Wizard, HP Update,Product Registration Assist,HP Web Services Assist (HP Connected),Online user manuals,(*software varies by OS: WinXP/Vista = driver only; Win 7 = full solution; Win 8+ and newer = drivers only with more apps available in MS App store) For Mac OS, Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software)
Fonts and Typefaces	84 scalable TrueType fonts
Compatible Operating Systems	Windows OS compatible with In-Box Driver; Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc.); Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.); Windows 7 all 32- & 64-bit editions; Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From http://www.HP.com); Windows XP SP3 32- & 64-bit editions (XP Home, XP Pro, etc.); Windows Vista all 32- & 64-bit editions (Home Basic, Premium, Professional, etc.); Windows 7 all 32- & 64-bit editions; Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets); Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Mac OS (HP Print Drivers available from HP.com and Apple Store);

OS X 10.7 Lion; OS X 10.8 Mountain Lion; OS X 10.9 Mavericks; OS X 10.10 Yosemite; Mobile OS (In-OS drivers); iOS, Android, Windows 8/8.1/10 RT; Linux OS (In-OS HPLIP); SUSE Linux (12.2, 12.3, 13.1); Fedora (17, 18, 19, 20); Linux Mint (13, 14, 15, 16, 17); Boss (3.0, 5.0); Ubuntu (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10); Debian (6.0.x, 7.x); Other OS; UNIX[13] |
Compatible Network Operating Systems	Windows OS compatible with In-Box Driver; Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services); Windows Server 2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services); Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services); Windows OS compatible with Universal Print Driver (UPD) or Product-Specific drivers from http://www.HP.com; Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services); Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services); Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services); Citrix (on Windows Server 2003/2003R2); Citrix MetaFrame Presentation Server, 3.0; Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3); Citrix Presentation Server 4.0/4.5; Citrix XenApp 5.0 (Plus Feature Pack 2 & 3); Citrix (on Windows Server 2008/2008R2); Citrix XenApp 5.0 (Plus Feature Pack 2 & 3); Citrix XenApp 6.0/6.5/7.5; Citrix XenDesktop 5.6/7.0/7.5; Citrix (on Windows Server 2012/2012R2); Citrix XenApp 7.5; Citrix XenDesktop 7.0/7.5; Novell Servers (www.novell.com/iprint); Novell iPrint Appliance v1.0; Novell Open Enterprise Server 11/SP1; Novell Open Enterprise Server 2 for Linux; NetWare 6.5/SP8; Novell Clients (www.novell.com/iprint); Windows 8 (32-bit / 64-bit) recommend v5.86+, 8.1 recommend v5.94+; Windows 7 (32-bit / 64-bit) recommend v5.82+; Windows Vista (32-bit / 64-bit) recommend v5.82+ Windows XP / SP3 (32-bit only) recommend v5.82+
Minimum System Requirements	**PC**: Windows XP (SP2) (32-bit) or newer, 233 MHz processer or higher, 512 MB RAM, 400 MB HD space, CD-ROM or Internet, USB or Network connection; **MAC**: OSX 10.7 or newer; Internet; USB or Network connection; 1 GB HD space
Power	**Power Supply Type**: Internal (Built-in) power supply; **Power Requirements**: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz); **Power Consumption**: 570 watts (Active Printing), 18.6 watts (Ready), 2.5 watts (Sleep), 0.6 watts (Auto-On/Auto-Off, via USB connectivity), 0.05 watts (Shutdown or Off)[3]
Acoustics	**Acoustic Power Emissions**: 6.3 B(A); **Acoustic Pressure Emissions**: 49 dB(A)[7]
Operating Environment	**Operating Temperature Range**: 59 to 86°F; **Recommended Operating Temperature**: 59 to 80.6°F; **Storage Temperature Range**: -4 to 104°F; **Non-Operating Humidity Range**: 10 to 95% RH (non-condensing); **Operating Humidity Range**: 10 to 80% RH (non-condensing); **Recommended Humidity Operating Range**: 20 to 70% RH (non-condensing)
Security Management	Embedded Web Server: password-protection, secure browsing via SSL/TLS; Network: enable/disable network ports and features, SNMPv1 & SNMPv2 community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; LDAP authentication and authorization; Firewall and ACL; SNMPv3, 802.1X, Secure Boot, authentication via WEP, WPA/WPA2 Personal, WPA2 Enterprise; encryption via AES or TKIP
Accessories	HP LaserJet 550-sheet Paper Feeder CF404A; HP v222w 16GB Mini USB Drive P0R81AA
HP Service and Support Options	U8TP0E - HP 3 year Next Business Day Color LaserJet M477 Multi Function Printer Hardware Support; U8TP1E - HP 4 year Next Business Day Color LaserJet M477 Multi Function Printer Hardware Support; U8TP2E - HP 5 year Next Business Day Color LaserJet M477 Multi Function Printer Hardware Support; U8TP5E - HP 3 year Next Business Day Exchange Color LaserJet M477 Multi Function Printer Service; U8TP3E - HP 3 year 4 hour 9x5 Color LaserJet M477 Multi Function Printer Hardware Support; H3110E - HP Network Install Inkjet/Personal LaserJet Service

Learn more at
hp.com

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[1] With toner cartridges. [3] 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. [5] Printer ships with preinstalled introductory cartridges Cyan, Magenta and Yellow (CMY) (~1200 pages) and Black A (KA) (~2300 pages) with Auto Toner Seal Removal for all cartridges. [7] Configuration tested: base model, simplex printing, A4 paper at an average of 43 ppm. [8] 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 to satisfy the demands of connected individuals or groups. [10] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. [11] Windows and Mac support almost the same file types expect Mac supports JGP-2000 instead of BMP. [13] Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7. Legacy Windows Operation Systems (XP, Vista, and equivalent servers) get print and scan drivers only; Windows 8 and 10 have apps available in MS App Store; Windows RT OS for Tablets (32- & 64-bit) uses a simplified HP print driver built into the RT OS; UNIX modelscripts are available on HP.com (Modelscripts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software. [15] Without optional 550-sheet tray. Dimensions with optional 550-sheet tray: 16.4 x 18.1 x 20.9 in (416 x 461 x 530 mm) [17] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. 19 Measured using ISO/IEC 17629. For more information see hp.com/go/printerclaims. Exact speed varies depending on the input voltage, system configuration, software application, driver, and document complexity. 20 First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. 21 Declared cartridge yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit hp.com/go/learnaboutsupplies. HP Color LaserJet Pro MFP M477 in-box cartridge may have higher yield than stated for printer units manufactured before 2017. 22 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.