HP Color LaserJet Pro MFP M377dw

Stunning results. Solid security.

Print, copy and scan with this easy-to-use, smallest-in-class[1] colour MFP that offers two-sided printing and wireless connectivity, and helps you finish tasks fast. Original HP Toner cartridges with JetIntelligence produce more pages.[2]

Highlights

- 24 ppm black/24 ppm color
- First page out in colour from sleep/Auto-Off in 11.4 sec
- Duplex print speed of 19 ipm
- 50-sheet ADF
- HP Auto-On/Auto-Off for low energy consumption
- Large 10.9 cm colour touchscreen with gesturingand apps
- Scan-to-email, -folder, -cloud, -USB
- LDAP, Private Printing, PIN Printing
- HP ePrint, AirPrint, Google Cloud Print, Wi-Fi Direct, Mopria-certified, Mobile Apps

2-sided printing | Color touchscreen | Low energy

HP JetAdvantage Pull Print | HP Mobile Printing | Wireless direct

First page out 12 sec | Printer security settings | Scan to email

Speed through more tasks, help keep data protected

- Easily scan files directly to email, USB, network folders, and the cloud with preloaded business apps.[3]
- Grab your documents and go. This MFP prints the first page and two-sided documents faster than competitors.[4]
- Use PIN printing to guard confidential data with an optional USB drive or HP JetAdvantage Private Print.[5,6]
- Keep printing safe, from boot up to shutdown, with embedded features such as LDAP authentication.

Efficient printing, easy to manage

- Easily manage print jobs directly at the MFP. Just tap and swipe the 10.9 cm touchscreen.
- Easily print Microsoft® Word and PowerPoint® documents, now directly from your USB drive.[7]
- Easily manage devices and settings using HP Web Jetadmin with a suite of essential management features.[8]
- Print using less energy than most competitors[9] – enabled by Original HP Toner cartridges with JetIntelligence.

More. Pages, Performance, and Protection.

- Get the most for your money, using Original HP High Yield Colour 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

- Make the most of your workspace with this sleek, compact MFP that's the smallest in its class.[1]
- Easily print from a variety of smartphones and tablets. There's generally no setup or apps required.[10]
- Count on wireless printing in the office, from mobile devices, without accessing the company network.[11]
- Easily access, print, and share resources with Ethernet and wireless networking.[12]

HP Color LaserJet Pro MFP M377dw

1. 50-sheet automatic document feeder (ADF)
2. Flatbed scanner: up to 216 x 297 mm paper
3. Intuitive 10.9 cm color touchscreen (tilts up)
4. Easy-access USB port
5. 150-sheet output bin
6. Front door release button (access to HP JetIntelligence Toner cartridges)
7. 50-sheet multipurpose tray 1
8. 250-sheet input tray 2
9. Power on/off button
10. Rear door (provides access to print path)
11. USB interface port for job storage and PIN printing
12. Hi-Speed USB 2.0 printing port
13. Ethernet network port
14. Automatic two-sided printing

Accessories, Supplies and Support

Supplies	**CF410A** HP 410A Black Original LaserJet Toner Cartridge 2,300 pages
	CF410X HP 410X High Yield Black Original LaserJet Toner Cartridge 6,500 pages
	CF411A HP 410A Cyan Original LaserJet Toner Cartridge 2,300 pages
	CF411X HP 410X High Yield Cyan Original LaserJet Toner Cartridge 5,000 pages
	CF412A HP 410A Yellow Original LaserJet Toner Cartridge 2,300 pages
	CF412X HP 410X High Yield Yellow Original LaserJet Toner Cartridge 5,000 pages
	CF413A HP 410A Magenta Original LaserJet Toner Cartridge 2,300 pages
	CF413X HP 410X High Yield Magenta Original LaserJet Toner Cartridge 5,000 pages
Accessories	**CF404A** HP LaserJet 550-sheet Feeder Tray
Service and support	**U8TP0E** HP 3 year Next business day Color LaserJet M377/477 MFP Hardware Support **U8TP7PE** HP 1 year Post Warranty Next business day Color LaserJet M377/477 MFP Hardware Support

Technical specifications

Model	HP Color LaserJet Pro MFP M377dw
Product number	M5H23A
Functions	Print, copy, scan, email

Print		
	Print speed	Up to 24 ppm black (A4); Up to 24 ppm colour (A4) Up to 19 ipm black duplex (A4); colour duplex (A4)
	First page out from ready[1]	As fast as 9.0 sec black (A4, ready); As fast as 9.9 sec colour (A4, ready)
	First page out from sleep[1]	As fast as 11.4 sec
	Print resolution	600 x 600 dpi, up to 38400 x 600 enhanced dpi black; 600 x 600 dpi, up to 38400 x 600 enhanced dpi colour; HP ImageREt 3600, PANTONE® calibrated
	Print technology	Laser
	Print Area	Print margins: Top: 4.23 mm; Bottom: 4.23 mm; Left: 4.23 mm; Right: 4.23 mm; Maximum print area: 211.8 x 351.8 mm
	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; Intiutive 10.9 cm (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
	Monthly duty cycle	Up to 50,000 pages (A4); Recommended monthly page volume: 750 to 4,000 (print); 750 to 4,000 (scan)
	Duplex printing	Automatic (standard)
	Fonts and typefaces	84 scalable TrueType fonts

Processor speed	1200 MHz

Connectivity		
	Standard	Hi-Speed USB 2.0 port; Built-in Gigabit Ethernet 10/100/1000 Base-TX network port; Easy-access USB
	Wireless	Built-in Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wireless Direct Printing
	Supported network protocols	TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, HP ePrint, Apple AirPrint™, Google Cloud Print 2.0, Mopria, FTP Print, IPP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Stateful via DHCPv6), SSL Security and Certificate management; Management: SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download

Network ready	Standard (built-in Gigabit Ethernet, Wi-Fi) (operates as both an AP, with Wi-Fi Direct, and STA)

Memory	Standard: 256 MB NAND Flash, 256 MB DRAM; Maximum: 256 MB

Copy		
	Copier settings	Number of copies; Reduce/Enlarge; Lighter/Darker; Optimise; Paper; Multi-page copy; Collation; Tray select; Two-sided; Draft Mode; Image Adjustment; Set as New Defaults; Restore defaults; Maximum number of copies: Up to 99 copies: Copy resolution: 600 x 600 dpi
	Copy speed	Up to 24 cpm black (A4), Up to 24 cpm colour (A4)
	Copier Smart Software Features	Instant-on copy; Duplex copy; Up to 99 multiple copies; Scan once print many; Collation; Reduce/Enlarge from 25 to 400% (with page size presets); Fit to page; Customizable copy presets (two or four pages to one page); Contrast (lighter/darker); Resolution (copy quality); Network protocols supported; ID copy; Optimise copy selection (with presets: Autoselect, Mixed, Printed picture, Photograph, Text)

Scan		
	Scanner specifications	Scanner type: Flatbed, ADF; Scan technology: Contact Image Sensor (CIS); Scan input modes: Front-panel scan, copy, email; HP Scan software; User application via TWAIN or WIA; Twain version: 1.9; Scan size maximum (flatbed, ADF): 216 x 297 mm; Optical scan resolution: Up to 1200 x 1200 dpi
	Scan file format	Flatbed, ADF
	Scan speed[2]	Up to 26 ppm (monochrome), up to 21 ppm (colour)
	Scannable area	Flatbed: Minimum media size: 48.8 x 48.8 mm; Maximum media size: 216 x 297 mm Scannable area (ADF): Minimum media size: 102 x 152 mm; Maximum media size: 216 x 356 mm
	Scanner Advanced Features	Scan to email; Scan to cloud; Scan to USB; Scan to network folder; LDAP email lookup
	Recommended monthly scan volume	750 to 4,000
	Bit depth/ Grey scale levels	30-bit / 256
	Digital sending	Standard: Scan to email; Scan to folder; Scan to USB drive

Paper handling		
	Media types	Paper (bond, brochure, coloured, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes
	Paper size	Custom metric: Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional; Tray 3: 100 x 148 to 216 x 356 mm Supported metric: Tray 1, Tray 2: A4, A5, A6, B5 (JIS), B6 (JIS), 10 x 15 cm, postcards (JIS single, JIS double), envelopes (DL, C5, B5); Optional Tray 3: A4, A5, A6, B5 (JIS), B6 (JIS), 10 x 15 cm, postcards (JIS single, JIS double); Automatic duplexer: A4, B5 ADF: 102 x 152 to 216 x 356 mm
	Paper handling	Standard input: 50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF) Standard output: 150-sheet output bin Optional/Input: Optional 550-sheet tray ADF: Standard, 50 sheets uncurled
	Input capacity	Tray 1: Sheets: 50; Envelopes: 5 Tray 2: Sheets: 250; Envelopes: 10 Tray 3: Sheets: 550 Maximum: Up to 850 sheets (with optional 550-sheet tray) ADF: Standard, 50 sheets uncurled
	Output capacity	Standard: Up to 150 sheets, Up to 20 envelopes Transparancies Maximum: Up to 150 sheets Envelopes: Up to 20 envelopes
	Paper weight	Tray 1: 60 to 176 g/m² (up to 200 g/m² with postcards and HP Color Laser Glossy Photo Papers); Tray 2: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 200 g/m² HP Color Laser Glossy Photo Papers); Optional Tray 3: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 150 g/m² glossy media); Automatic duplexer: 60 to 163 g/m² ADF: 60 to 90 g/m²

Compatible operating systems	Windows OS compatible with In-Box Driver: Windows 10 all 32-bit/64-bit editions (excluding RT OS for Tablets), Windows 8/8.1 all 32-bit/64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-bit/64-bit editions, Windows Vista all 32-bit/64-bit editions (Home Basic, Premium, Professional, etc.); Windows OS compatible with Universal Print Driver (from http://www.HP.com): Windows 7 all 32-bit/64-bit editions, Windows Vista all 32-bit/64-bit editions (Home Basic, Premium, Professional, etc.)
Compatible network operating systems	Windows OS compatible with In-Box Driver: Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-bit/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services); Windows OS compatible with Universal Print Driver (UPD) or Product-Specific drivers from http://www.HP.com: Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-bit/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services); Citrix (on Windows Server 2012/2012R 2): Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5; Citrix (on Windows Server 2008/2008 R2): 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 2003/2003 R2): 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); 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+, Windows 8.1 recommend v5.94+, Windows 7 (32-bit/64-bit) recommend v5.82+, Windows Vista (32-bit/64-bit) recommend v5.82+
Mobile printing capability	HP ePrint, Apple AirPrint™, Wireless Direct Printing, Mopria-certified, Google Cloud Print 2.0, mobile apps
Minimum system requirements	Windows: Windows Vista (32-bit/64-bit) or newer, 233 MHz processer or higher, 512 MB RAM, 400 MB available hard disk space, CD-ROM or Internet, USB or network connection Mac: OSX 10.7 or newer; Internet; USB or Network connection; 1 GB available hard disk space
Software included	For Windows OS: HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Device Toolbox, HP Product Improvement Study, HP Scan App and Drivers, HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), Online user manuals (software varies by OS: Win 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)

Model	HP Color LaserJet Pro MFP M377dw
Product number	M5H23A
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)
Control panel	10.9 cm (4.3") intuitive touchscreen Colour Graphic Display (CGD); 3 Buttons (Home, Help, Back)

Dimensions and Weight

Printer dimensions (W x D x H)	Minimum: 416 x 472 x 400 mm Maximum: 426 x 652 x 414 mm
Package dimensions (W x D x H)	597 x 497 x 490 mm
Printer Weight	23.2 kg
Package weight	26.8 kg

Operating environment	Temperature: 15 to 30ºC, Humidity: 20 to 70% RH (non-condensing)
Storage	Temperature: -20 to 40ºC, Humidity: 10 to 95% RH (non-condensing)
Acoustics[3]	Acoustic power emissions: 6.1 B(A); Acoustic pressure emissions: 48 dB(A)
Power[4]	Requirements: Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz) Consumption: 560 watts (active printing), 19.0 watts (ready), 2.4 watts (sleep), 0.1 watts (manual off), 1.0 watts (auto off/wake on LAN), 0.6 watts (auto off/wake on USB) Typical Electricity Consumption (TEC): Blue Angel: 1.314 kWh/week; Energy Star: 1.363 kWh/week Power supply type: Built-in power supply
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Certifications	CISPR 22:2008/EN 55022:2010 (Class B); EN 61000-3-2:2006 +A1:2009 +A2:2009; EN 61000-3-3:2008; EN 55024:2010; Other EMC approvals as required by individual countries ENERGY STAR® certified; Blue Angel; EPEAT® Silver
Warranty	One-year, return to bench warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
What's in the box	HP Color LaserJet Pro MFP M377dw; 4 preinstalled cartridges: Black (2,300 pages) and introductory Cyan, Magenta, Yellow cartridges (1,200 pages); In-box documentation (getting started guide, install poster); Software drivers and documentation on CD-ROM; Power cord; USB cable
Replacement cartridges[5]	HP 410A Black LaserJet Toner Cartridge (2,300 pages) CF410A; HP 410X Black LaserJet Toner Cartridge (6,500 pages) CF410X; HP 410A Cyan LaserJet Toner Cartridge (2,300 pages) CF411A; HP 410X Cyan LaserJet Toner Cartridge (5,000 pages) CF411X; HP 410A Yellow LaserJet Toner Cartridge (2,300 pages) CF412A; HP 410X Yellow LaserJet Toner Cartridge (5,000 pages) CF412X; HP 410A Magenta LaserJet Toner Cartridge (2,300 pages) CF413A; HP 410X Magenta LaserJet Toner Cartridge (5,000 pages) CF413X

Footnotes

[1] Based on published dimensions for colour laser MFPs with > 1% worldwide market share as reported by IDC as of Q3 2015, available worldwide and with print speeds of 22–28 ppm (A4). Learn more at http://www.hp.com/go/ljclaims.; [2] Based on cartridge yields for HP 305X compared with HP 410X Original LaserJet Toner Cartridges. For more information, see http://www.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 http://www.hpconnected.com.; [4] Based on HP internal testing of top three leading competitors' first page out and duplex print speeds completed 12/2015. Subject to device settings. Actual results may vary. For details see http://www.hp.com/go/ljclaims.; [5] Requires purchase of separate USB flash drive with at least 16 GB capacity.; [6] 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.; [7] 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.; [8] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin.; [9] Based on comparisons of TEC (Typical Electricity Consumption) data reported on energystar.gov for colour laser MFPs with >1% worldwide market share as reported by IDC as of Q3 2015, available worldwide and with print speeds of 22–28 ppm (A4). Actual results may vary. Learn more at hp.com/go/ljclaims.; [10] 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 http://www.hp.com/go/mobileprinting.; [11] 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 http://www.hp.com/go/businessmobileprinting.; [12] Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.

Technical specifications disclaimers

[1] Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the input voltage, system configuration, software application, driver, and document complexity.; [2] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.; [3] Configuration tested: base model, simplex printing, A4 paper at an average of 24 ppm.; [4] 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) (1,200 pages) and Black A (2,300 pages) with Auto Toner Seal Removal for all cartridges.