

# HP Color LaserJet Pro MFP M377dw



## Stunning results. Solid security.

Print, copy and scan with this easy-to-use, HP's smallest-in-class<sup>1</sup> 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.<sup>2</sup>



## 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 gesturing and apps
- Scan-to-email, -folder, -cloud, -USB
- LDAP, PIN Printing
- HP ePrint, AirPrint, Google Cloud Print, Wi-Fi Direct, Mopria-certified, Mobile Apps



2-sided printing



Color touchscreen



Low energy



Mobile printing



Wireless direct



Printer security settings

## Speed through more tasks, help keep data protected

- Easily scan files directly to email, USB, network folders, and the cloud with preloaded business apps.<sup>3</sup>
- Grab your documents and go. This MFP prints the first page and two-sided documents fast.<sup>4</sup>
- Use PIN printing to guard confidential data with an optional USB drive.<sup>5</sup>
- 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.<sup>6</sup>
- Easily manage devices and settings using HP Web Jetadmin with a suite of essential management features.<sup>7</sup>
- Print using less energy<sup>9</sup> – 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.<sup>2</sup>
- 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 HP's smallest in its class.<sup>1</sup>
- Easily print from a variety of smartphones and tablets. There's generally no setup or apps required.<sup>9</sup>
- Count on wireless printing in the office, from mobile devices, without accessing the company network.<sup>10</sup>
- Easily access, print, and share resources with Ethernet and wireless networking.<sup>11</sup>

## Product walkaround

### 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

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

## Technical specifications

<b>Model</b>	<b>HP Color LaserJet Pro MFP M377dw</b>
<b>Product number</b>	M5H23A
<b>Functions</b>	Print, copy, scan, email
<b>Control panel</b>	10.9 cm (4.3") intuitive touchscreen Colour Graphic Display (CGD); 3 Buttons (Home, Help, Back)
<b>Print</b>	
Print technology	Laser
Print speed <sup>1</sup>	<b>Black (A4, normal):</b> Up to 24 ppm; <b>Colour (A4, normal):</b> Up to 24 ppm; <b>Black (A4, duplex):</b> Up to 19 ipm; <b>Colour (A4, duplex):</b> Up to 19 ipm;
First page out <sup>2</sup>	<b>Black (A4, ready):</b> As fast as 9.0 sec; <b>Colour (A4, ready):</b> As fast as 9.9 sec; <b>Black (A4, sleep):</b> As fast as 11.4 sec; <b>Colour (A4, sleep):</b> As fast as 11.5 sec;
Print resolution	<b>Black (best):</b> 600 x 600 dpi, up to 38400 x 600 enhanced dpi; <b>Colour (best):</b> 600 x 600 dpi, up to 38400 x 600 enhanced dpi; <b>Technology:</b> HP ImageREt 3600, PANTONE® calibrated;
Monthly duty cycle <sup>3</sup>	Up to 50,000 pages A4; <b>Recommended monthly page volume<sup>4</sup>:</b> 750 to 4,000
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 10.9 cm (4.3") touchscreen control panel; Print from Cloud using business apps on the control panel; Job Storage with PIN printing; Print from USB
Standard print languages	HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, PCLm, PDF, URF, Native Office
Fonts and typefaces	84 scalable TrueType fonts
Print area	<b>Print margins:</b> 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
Duplex printing	Automatic (standard)
<b>Copy</b>	
Copy speed <sup>5</sup>	<b>Black (A4):</b> Up to 24 cpm; <b>Colour (A4):</b> Up to 24 cpm
Copier specifications	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; <b>Maximum number of copies:</b> Up to 99 copies; <b>Copy resolution:</b> 600 x 600 dpi;
<b>Scan</b>	
Scan speed <sup>6</sup>	<b>Normal (A4):</b> Up to 26 ppm (monochrome), up to 21 ppm (colour);
Scanner specifications	<b>Scanner type:</b> Flatbed, ADF; <b>Scan technology:</b> Contact Image Sensor (CIS); <b>Scan input modes:</b> Front-panel scan, copy, email; HP Scan software; User application via TWAIN or WIA; <b>Twain version:</b> 1.9; <b>Scan size maximum (flatbed, ADF):</b> 216 x 297 mm; <b>Optical scan resolution:</b> Up to 1200 x 1200 dpi
Scanner advanced features	Scan to email; Scan to cloud; Scan to USB; Scan to network folder; LDAP email lookup
Recommended monthly scan volume <sup>7</sup>	750 to 4,000
Scannable area	<b>Minimum media size (flatbed):</b> 48.8 x 48.8 mm <b>Maximum media size (flatbed):</b> 216 x 297 mm; <b>Minimum media size (ADF):</b> 102 x 152 mm <b>Maximum media size (ADF):</b> 216 x 356 mm
Bit depth/ Grey scale levels	30-bit / 256
Digital sending	Standard: Scan to email; Scan to folder; Scan to USB drive
<b>Processor speed</b>	1200 MHz
<b>Connectivity</b>	
Standard	Hi-Speed USB 2.0 port; Built-in Gigabit Ethernet 10/100/1000 Base-TX network port; Easy-access USB
Wireless	Yes, Built-in Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wireless Direct Printing
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps
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, Statefull via DHCPv6), SSL Security and Certificate management; Management: SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download
Network capabilities	Yes, via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crosscover Ethernet; Authentication via 802.1X
<b>Memory</b>	<b>Standard:</b> 256 MB NAND Flash, 256 MB DRAM; <b>Maximum:</b> 256 MB
<b>Media handling</b>	
Number of paper trays	<b>Standard:</b> 2; <b>Maximum:</b> 3
Media types	Paper (bond, brochure, coloured, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes
Media size	<b>Custom (metric):</b> Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional; Tray 3: 100 x 148 to 216 x 356 mm <b>Supported (metric):</b> 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 <b>ADF:</b> 102 x 152 to 216 x 356 mm

<b>Model</b>	<b>HP Color LaserJet Pro MFP M377dw</b>
<b>Product number</b>	M5H23A
<b>Media handling</b>	<b>Standard input:</b> 50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF) <b>Standard output:</b> 150-sheet output bin <b>Optional input:</b> Optional 550-sheet tray <b>ADF:</b> Standard, 50 sheets uncurled
<b>Media weight</b>	Tray 1: 60 to 176 g/m <sup>2</sup> (up to 200 g/m <sup>2</sup> with postcards and HP Color Laser Glossy Photo Papers); Tray 2: 60 to 163 g/m <sup>2</sup> (up to 176 g/m <sup>2</sup> with postcards, up to 200 g/m <sup>2</sup> HP Color Laser Glossy Photo Papers); Optional Tray 3: 60 to 163 g/m <sup>2</sup> (up to 176 g/m <sup>2</sup> with postcards, up to 150 g/m <sup>2</sup> glossy media); Automatic duplexer: 60 to 163 g/m <sup>2</sup>
<b>Input capacity</b>	<b>Tray 1:</b> Sheets: 50; Envelopes: 5 <b>Tray 2:</b> Sheets: 250; Envelopes: 10 <b>Tray 3:</b> Sheets: 550 <b>Maximum:</b> Up to 850 sheets (with optional 550-sheet tray) <b>ADF:</b> Standard, 50 sheets uncurled
<b>Output capacity</b>	<b>Standard:</b> Up to 150 sheets Envelopes: Up to 20 envelopes <b>Maximum:</b> Up to 150 sheets
<b>Compatible operating systems</b>	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 editions (Home Basic, Premium, Professional, etc.); Windows OS compatible with Universal Print Driver (from <a href="http://www.hp.com">http://www.hp.com</a> ): Windows 7 all 32-bit/64-bit editions, Windows Vista all 32-bit/64-bit editions (Home Basic, Premium, Professional, etc.)
<b>Compatible network operating systems</b>	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 <a href="http://www.hp.com">http://www.hp.com</a> : 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 2012/2012 R2): 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 ( <a href="http://www.novell.com/print">www.novell.com/print</a> ): Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, NetWare 6.5/SP8; Novell Clients ( <a href="http://www.novell.com/print">www.novell.com/print</a> ): 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+
<b>Minimum system requirements</b>	<b>Windows:</b> Windows Vista (32-bit/64-bit) or newer, 233 MHz processor or higher, 512 MB RAM, 400 MB available hard disk space, CD-ROM or Internet, USB or network connection <b>Mac:</b> OSX 10.7 or newer; Internet; USB or Network connection; 1 GB available hard disk space
<b>Software included</b>	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)
<b>Printer management</b>	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)
<b>Dimensions and weight</b>	
Printer dimensions (W x D x H)	<b>Minimum:</b> 416 x 472 x 400 mm; <b>Maximum:</b> 426 x 652 x 414 mm;
Package dimensions (W x D x H)	597 x 497 x 490 mm
Printer weight <sup>9</sup>	23.2 kg
Package weight	26.8 kg
<b>Operating environment</b>	<b>Temperature:</b> 15 to 30°C <b>Humidity:</b> 20 to 70% RH (non-condensing)
<b>Storage conditions</b>	<b>Temperature:</b> -20 to 40°C <b>Humidity:</b> 10 to 95% RH (non-condensing)
<b>Acoustics</b>	<b>Acoustic power emissions:</b> 6.1 B(A) <b>Acoustic pressure emissions:</b> 48 dB(A)
<b>Power<sup>9</sup></b>	<b>Requirements:</b> Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz); <b>Consumption:</b> 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); <b>Typical Electricity Consumption (TEC)<sup>10</sup>:</b> Blue Angel: 1.314 kWh/week; Energy Star: 1.363 kWh/week; <b>Power supply type:</b> Built-in power supply;
<b>Energy savings feature technology</b>	HP Auto-On/Auto-Off Technology; Instant-on Technology
<b>Certifications</b>	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 <sup>®</sup> qualified; EPEAT <sup>®</sup> Silver; CECP <b>Blue Angel compliant:</b> Yes; Blue Angel RAL-UZ 205
<b>Country of origin</b>	Made in Vietnam
<b>What's in the box<sup>11</sup></b>	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
<b>Warranty</b>	One-year, return to bench 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.

## Footnotes

- <sup>1</sup> Based on published dimensions for HP colour laser MFPs, available worldwide and with print speeds of 22–28 ppm (A4).
- <sup>2</sup> 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>.
- <sup>3</sup> 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>.
- <sup>4</sup> Based on HP internal testing of first page out from sleep mode and duplex print speeds completed 12/2015. Subject to device settings. Actual results may vary.
- <sup>5</sup> Requires purchase of separate USB flash drive with at least 16 GB capacity.
- <sup>6</sup> 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](http://hpjetadvantage.com).
- <sup>7</sup> HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>.
- <sup>8</sup> Based on comparisons of TEC (Typical Electricity Consumption) data reported on [energystar.gov](http://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](http://hp.com/go/ljclaims).
- <sup>9</sup> Based on comparisons of TEC (Typical Electricity Consumption) data reported on [energystar.gov](http://energystar.gov) for HP colour laser MFPs, available worldwide and with print speeds of 22–28 ppm (A4). Actual results may vary.
- <sup>10</sup> 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>.
- <sup>11</sup> Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.

## Technical specifications disclaimers

- <sup>1</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>2</sup> 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.
- <sup>3</sup> 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.
- <sup>4</sup> HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
- <sup>5</sup> First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>6</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
- <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> With toner cartridges
- <sup>9</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.
- <sup>10</sup> Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
- <sup>11</sup> 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 <http://www.hp.com/go/learnaboutsupplies>



[www.blauer-engel.de/uz205](http://www.blauer-engel.de/uz205)



ColorSphere  
HP TONERS



Windows 10



<http://www.hp.com/uk>

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