Product guide

# Stunning results.
# Solid security.

## HP Color LaserJet Pro MFP M377dw

February 2016

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# Impressive performance plus comprehensive security

This easy-to-use, smallest-in-class[1] color MFP finishes tasks faster[2] and helps guard against threats. Original HP Toner cartridges with JetIntelligence work together with the device to deliver more professional-quality color pages.[3]

## Who can benefit?

The HP Color LaserJet Pro MFP M377dw is ideal for work teams of three to ten people—printing 750 to 4,000 pages per month—that want efficient, professional quality color output at an affordable price. This color MFP boosts productivity with simple setup, fast printing, and easy scanning. Mobile printing options, comprehensive security, and a compact design help make the M377dw a great choice.

For the sixth year in a row and the seventh time since 2008, HP has captured BLI's Color Printer/MFP Line of the Year award.

# Product
# walk around

1   50-sheet automatic document feeder (ADF)

2   Flatbed scanner: up to 8.5 x 11.7 in paper

3   Intuitive 4.3-inch color touchscreen (tilts up)

4   Easy-access USB port

5   150-sheet output bin

6   Built-in wireless direct printing[4]

7   Front door release button (access to HP JetIntelligence Toner cartridges)

8   1200 MHz processor, 512 MB memory

9   Automatic two-sided printing

10  50-sheet multipurpose tray 1

11  250-sheet input tray 2

12  Built-in wireless networking[5]

13  Convenient front power on/off button

14  Host USB port to enable job storage[6]

15  Hi-Speed USB 2.0 port

16  Gigabit Ethernet network port

**Front view**

**Closeup of rear I/O port**

# Product comparison

The following table compares the HP Color LaserJet Pro MFP M377dw to the HP Color LaserJet Pro MFP M477fdw.

| HP Color LaserJet Pro MFP M377dw | HP Color LaserJet Pro MFP M477fdw |
|---|---|
| Print, copy, scan, and email | Print, copy, scan, fax, and email |
| Up to 25 pages per minute (ppm), letter[7]<br>Duplex: up to 20 images per minute (ipm), letter | Up to 28 ppm, letter[7]<br>Duplex: up to 25 ipm, letter |
| Built-in 10/100/1000 Ethernet, wireless 802.11b/g/n[5] | Built-in 10/100/1000 Ethernet, wireless 802.11b/g/n[5] |
| Simplex scanning | Single-pass two-sided scanning |
| 4.3-inch touchscreen | 4.3-inch touchscreen |
| 300/850 sheets (standard/maximum) paper input | 300/850 sheets (standard/maximum) paper input |
| Wireless direct,[4] Apple AirPrint™,[8] Mopria-certified, Google Cloud Print™ 2.0, HP ePrint[9] | Wireless direct,[4] Apple AirPrint,[8] Mopria-certified, Google Cloud Print 2.0, HP ePrint,[9]<br>NFC touch-to-print |

# Key benefits
# at a glance

Shift your office into high gear with this resourceful, nimble, and smallest-in-class color MFP.[1] Quickly and securely produce the documents you need while helping to conserve power. Bring out the best in your MFP by printing more professional-quality color pages, using Original HP Toner cartridges with JetIntelligence.[3]

## Speed through more tasks. Help keep data protected.

- Easily scan to email, USB, network folders, and the cloud with preloaded business apps.[10]
- Grab the documents you need and go. This MFP prints the first page and two-sided documents faster than the competition.[2]
- Help ensure document confidentiality with PIN printing enabled through an optional USB drive.[6]
- Protect information and control access to confidential print jobs with HP JetAdvantage Private Print.[11]
- Keep printing safe, from boot up to shutdown, with embedded security features.

## Energy efficient printing that's easy to manage.

- Easily manage print jobs directly at the MFP. Just tap and swipe the 4.3-inch touchscreen.
- Conveniently print Microsoft® Office documents directly from your USB drive.[12]
- Manage devices and settings using HP Web Jetadmin essential management features.[13]
- Print using less energy than most competitors, enabled by Original HP Toner cartridges with JetIntelligence.[14]

## More. Pages, performance, protection.

- Get the most prints for your money, using Original HP High Yield Color Toner cartridges with JetIntelligence.[3]
- Count on consistent, professional-quality results at high speeds with HP ColorSphere 3 toner.
- Help ensure you're getting authentic HP quality with innovative anti-fraud technology.
- Get right to printing without delays or mess—quickly replace your cartridge using easy-open packaging and auto seal removal.

## Stay connected with easy mobile printing options.

- Conveniently print from a variety of smartphones and tablets, with minimal to no setup or apps required.[15]
- Easily access, print, and share resources with Ethernet and wireless networking.[5]
- Print wirelessly in the office, from mobile devices, without accessing the company network.[4]

# Speed through more tasks. Help keep data protected.

Accomplish tasks faster and keep your device, data, and documents protected—from boot up to shut down. Scan documents easily and efficiently. Print your first page and produce two-sided prints faster than the competition.[2]

Make the most of your work space with a compact MFP that's the smallest in its class[1]

## Simply scan and share

Turn paper files into digital assets and send your work to more places without using your PC. Scan documents directly to email, USB, network folders, and the cloud with preloaded business apps.[10] Improve productivity with corporate email directory lookup for digital sending.

## Start printing fast, directly from sleep mode

Grab the documents you need and go. There's no waiting around. With first page out as fast as 8.9 seconds (black) and 9.8 seconds (color), letter,[16] this MFP prints the first page faster than the competition.[2] Speed through big jobs with print speeds up to 25 ppm, letter.[7]

## Get the fastest two-sided printing

Save time by completing tasks quickly and efficiently. Breeze through multipage documents with two-sided printing that's faster than the competition[2]—as fast as 20 ipm, letter.[7]

## Control print jobs with PIN printing

Help ensure your documents remain confidential. Enable encrypted job storage by plugging a flash drive into the USB port located on the back of the device. Release jobs by entering a PIN at the MFP.[6]

## Achieve a higher level of security and control

Increase security, restore control, and help avoid additional expenses. HP JetAdvantage Private Print[11] helps prevent unauthorized access to confidential print jobs stored in the cloud and lets users pick up jobs at any compatible device.

## Improve protection with embedded security

Keep printing safe, from boot up to shut down. This MFP uses embedded security features to guard against complex threats—so you can be confident your device, data, and documents are protected.

With Pro series security, you can define which clients/devices are allowed on the network, manage the industry-standard of SNMP configuration, and decide which ports/IP addresses have access to printer features. Control device access with LDAP authentication. Utilize data encryption and optional password settings for wireless direct printing for improved security.[4]

## Feed documents without the hassle

The 50-page ADF offers convenient unattended copying and scanning for multipage documents.

Quickly and easily slide paper on or off the scanbed with the HP patented, one-piece glass design. The 8.5 by 11.7 in flatbed scanner lets you easily copy and scan non-standard and bound material.

# Energy efficient printing that's easy to manage.

Easily produce the documents you need to keep work flowing while helping to conserve power. This energy-efficient MFP is simple to manage and use. Print Microsoft Office documents from the USB port[12] using the large touchscreen.

**Easy control at your fingertips**

Complete many common tasks, such as copying, scanning, and accessing HP business apps[10] without ever touching your computer.

**HP JetAdvantage Security Manager**

Secure your HP printing fleet with the solution Buyers Laboratory (BLI) calls trailblazing.[17]

## Designed to conserve energy

Keep productivity up and energy use down. This efficient MFP uses less energy than most competitors without compromising speed, enhanced by Original HP Toner cartridges with JetIntelligence.[14]

- HP Auto-On/Auto-Off Technology turns your MFP on when you need it and off when you don't.[18]
- With Instant-on Technology, the fuser warms rapidly and cools quickly, helping you conserve energy.[19]
- Support for thin media allows users to print on papers as light as 16 lb bond. Help save your business time and money with lightweight HP EcoEFFICIENT paper.
- Work and print more efficiently with an ENERGY STAR® certified device.

## Perform tasks with a simple touch

Easily manage print jobs directly at the MFP, without having to access a PC. Just tap and swipe the large, intuitive 4.3-inch touchscreen to streamline workflows.

## Print Microsoft Office documents from a USB drive

Easily print the Microsoft Word and PowerPoint® documents you work with every day directly from your USB drive.[12]

## Manage the printer right at your PC

For simple one-on-one management, connect via the network or USB to the product's HP Embedded Web Server. Here you can easily view supplies status, adjust device settings, access up-to-date troubleshooting guides, and more.

## Manage your business printing with ease

Gain comprehensive control of information while providing employees the access they need to get the job done. Easily manage devices and settings using HP Web Jetadmin[13] with its suite of essential, enterprise-level management features.

HP JetAdvantage Security Manager delivers the most comprehensive printing security in the market, providing policy-based protection for printing and imaging devices.[17]

## Maximize uptime and reduce device intervention

This printer supports a wide variety of media weights and sizes. Increase input capacity to 850 sheets with the optional 550-sheet paper tray—with room to add a whole ream before the paper in the tray runs completely out.

# More. Pages, performance, protection.

Bring out the best in your MFP. Print more professional-quality color pages,[3] using Original HP Toner cartridges with JetIntelligence. Count on better performance, higher energy efficiency, and the authentic HP quality that the competition simply can't match.[3]

**Original HP Toner cartridges with JetIntelligence**

## Print more pages than ever before

Get the most prints for your money. Original HP High Yield Color Toner cartridges with JetIntelligence deliver more pages than ever before.[3]

## Get HP quality, print after print

Count on consistent, professional-quality results at high speeds. Specially formulated HP ColorSphere 3 toner is precisely tuned to match the powerful performance of your HP MFP.

## Protect your investment

Don't be fooled by cartridges that attempt to mimic Original HP. Ensure you're getting the authentic HP quality you paid for. Innovative anti-fraud technology helps identify whether a cartridge is Original HP, used, or counterfeit.

## Choose optional high-speed cartridges for low intervention

Don't waste important business time replacing toner cartridges. Optional high-yield cartridges enable uninterrupted printing for longer periods of time.

## Ready to work, right away

Speed through print jobs right out of the box, without even opening the cartridge door. This MFP is shipped with preinstalled, specially designed Original HP Toner cartridges with JetIntelligence.

## Start printing quickly and easily.

Get right to printing without delays or mess. Quickly replace your cartridges using easy-open packaging and auto seal removal.

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### More pages

Original HP Toner cartridges with JetIntelligence are re-engineered for higher ISO yields[3] and more dependable toner level status.[20]

**Page maximizer technology**

- More pages per cartridge than previous generations of HP toner cartridges[3]
- Smaller, more robust parts[22]
- Less cartridge wear[22]

**Print gauge technology**

- More dependable gauges[20] to ensure you get the most prints possible from your cartridges

### More performance

Reformulated toner for a low melt point and hard shell that supports more pages[3] in a smaller, faster device and uses less energy to print a page.[21]

**ColorSphere 3 toner**

- Low melt core = faster print speed and HP legendary quality
- Hard shell = durable toner for higher yields

### More protection

Get the authentic HP quality you paid for and avoid potential problems. Help manage business costs and maintain quality standards across your fleet.

**Anti-fraud technology**

- Helps you identify the difference between Original HP and used or counterfeit cartridges
- Supports policies you set for your printing fleet

**Auto seal removal**

- Skip a step—the toner seal is automatically removed for you
- Get right to printing without delays

# Stay connected with easy mobile printing options.

Keep your business nimble when needs shift or opportunity strikes. Easily print from mobile devices,[15] print wirelessly with or without accessing the network,[4,5] and stay connected using Ethernet capabilities.

## Produce printouts from a variety of mobile devices

Easily print documents, emails, PDFs, and more from iPhones® and iPads® as well as smartphones and tablets running iOS, Android™ version 4.4 or later, Windows® 8/10, or Google Chrome™ operating systems. There's generally no setup or apps required.[15]

Simply open and preview the content you want to print, select your printer, and hit Print. For mobile devices without built-in print support, users will first need to download the HP ePrint app or HP ePrint software.

## Print wirelessly without a network

Count on wireless direct printing from anywhere in the office, including from smartphones, tablets, and notebook PCs, without accessing the company network.[4]

There's no need to search through a long list of devices—automatically discover the nearest printer without accessing your corporate network. Security and user access settings—like 128-bit encryption and a configurable passphrase—can be easily set up with HP Web Jetadmin[13] or the HP Embedded Web Server.

## Managed mobile print solutions

For non-server based pull printing, HP JetAdvantage Private Print[11] helps provide access to confidential print jobs stored in the cloud. Users can view and delete jobs, virtually anywhere, using their mobile device. Learn more at: hpjetadvantage.com/ondemand.

If you're looking to deploy mobile printing across a printer fleet, HP offers server-based solutions that provide secure pull-printing, as well as advanced management and reporting capabilities. HP also provides options to integrate with third-party mobile device management solutions. For more information, see hp.com/go/businessmobileprinting.

## Extend your printing reach

Keep your office connected. Built-in 10/100/1000 Gigabit Ethernet and 802.11b/g/n wireless networking capabilities let you easily access, print, and share resources on your network.[5]

# Technical specifications

| | HP Color LaserJet Pro MFP M377dw |
|---|---|
| Product number | M5H23A |
| Functions | Print, scan, copy, email |
| Control panel | 4.3-inch intuitive color touchscreen (CGD); 3 Buttons (Home, Help, Back) |
| Print speed[7] | |
| *Simplex* | Black and color: up to 25 ppm, letter |
| *Duplex* | Black and color: up to 20 ipm, letter |
| First page out[16] | |
| *From ready* | Black: as fast as 8.9 seconds, letter; color: as fast as 9.8 seconds, letter |
| *From sleep* | Black: as fast as 11.3 seconds, letter; color: as fast as 11.5 seconds, letter |
| First copy out[23] | |
| *From ready* | Black: as fast as 9.5 seconds, letter; color: as fast as 12.0 seconds, letter |
| *From sleep* | Black: as fast as 12.2 seconds, letter; color: as fast as 14.2 seconds, letter |
| Print resolution | Black and color (Default): 600 x 600 dpi, up to 38,400 x 600 enhanced dpi, HP ImageREt 3600, PANTONE® calibrated |
| Print features | |
| *Print from USB drive* | File formats: Microsoft Word and PowerPoint documents,[12] JPG, PDF |
| *Two-sided printing* | Automatic |
| Scan features | |
| *Scan speed (letter)[24]* | Up to 26 ppm black, up to 21 ppm color |
| *Scan type and size* | Flatbed: up to 8.5 x 11.7 in maximum; up to 2.1 x 2.8 in minimum |
| | ADF: up to 8.5 x 14 in maximum; up to 4 x 6 in minimum |
| *Scan resolution* | Up to 1200 x 1200 dpi |
| *Bit depth* | 30 bit |
| *Grayscale levels* | 256 |
| *TWAIN version* | HP TWAIN v1.9 |
| *File formats* | Windows: PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF |
| | Mac: PDF, searchable PDF, JPG, RTF, TXT, JPG-2000, PNG, TIFF |
| *Scan input modes* | Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA |
| Copy features | |
| *Copy speed[23]* | Black and color: up to 25 copies per minute (cpm), letter |
| *Copy resolution* | Black and color text and graphics: up to 600 x 600 dpi |
| *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 |
| *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, Optimize copy selection (with presets: autoselect, mixed, printed picture, photograph, text) |
| Digital sending | Scan to email, scan to cloud, scan to USB, scan to network folder, LDAP email lookup |
| Processor | 1200 MHz |

| | HP Color LaserJet Pro MFP M377dw |
|---|---|
| **Memory** | 256 MB NAND Flash, 256 MB DRAM |
| **Durability ratings** | |
| *RMPV (recommended monthly page volume)[25]* | 750 pages to as high as 4,000 pages |
| *RMSV (recommended monthly scan volume)[26]* | 750 pages to as high as 4,000 pages |
| *Duty cycle[27]* | Up to 50,000 pages |
| **Media specifications** | |
| *Input capacities* | Multipurpose tray 1: up to 50 sheets |
| | Tray 2: up to 250 sheets |
| | Optional tray 3: up to 550 sheets |
| | ADF: up to 50 sheets |
| *Output capacity* | Up to 150 sheets |
| *Media sizes* | Tray 1: Letter, legal, executive, Folio (8.5 x 13 in), 3 x 5 in, 4 x 6 in, 5 x 8 in, envelopes (No 10, Monarch); custom sizes: 3 x 5 to 8.5 x 14 in |
| | Tray 2: Letter, legal, executive, Folio (8.5 x 13 in), 3 x 5 in, 4 x 6 in, 5 x 8 in, envelopes (No 10, Monarch); custom sizes: 3.94 x 5.83 to 8.5 x 14 in |
| | Optional tray 3: Letter, legal, executive, Folio (8.5 x 13 in), 3 x 5 in, 4 x 6 in, 5 x 8 in; custom sizes: 3.94 x 5.83 to 8.5 x 14 in |
| | ADF: Letter, legal; custom sizes: 4 x 6 to 8.5 x 14 in |
| | Automatic duplexer: Letter, legal, executive, Folio (8.5 x 13 in) |
| *Media weights* | 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 |
| | ADF: 16 to 24 lb |
| | Automatic duplexer: 16 to 43 lb |
| *Media types* | Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes |
| **Print languages** | HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF, Native Office |
| **Fonts** | 84 scalable TrueType fonts |
| **Connectivity** | 1 Hi-Speed USB 2.0 printing port, built-in Gigabit Ethernet 10/100/1000 Base-TX network port, 1 host USB for job storage, 1 easy-access USB, Wi-Fi 802.11b/g/n |
| **Mobile printing capabilities[15]** | Wireless direct printing,[4] HP ePrint,[9] Apple AirPrint,[8] Mopria-certified, Google Cloud Print 2.0, Mobile Apps |
| **Network capabilities** | Via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; authentication via 802.1X |
| **Printer management** | Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web Jetadmin Software; HP Proxy Agent Software; HP JetAdvantage Security Manager; HP Utility (Mac); HP Device Toolbox (Win 7) |
| **Network protocols** | Via built-in networking solution: TCP/IP, IPv4, IPv6 |
| | Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing |
| | Discovery: SLP, Bonjour, Web Services Discovery |
| | IP Configuration: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6) |
| | Management: SNMPv1, SNMPv2, SNMPv3, HTTP |
| **Security management** | Embedded Web Server: password-protection, secure browsing via SSL/TLS |
| | Network: enable/disable network ports and features, SNMPv1 and SNMPv2 community password change |
| | HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication |
| | LDAP authentication and authorization; Firewall and AC; SNMPv3 |

| | HP Color LaserJet Pro MFP M377dw |
|---|---|
| Compatible operating systems[28] | 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: 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 |
| | 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 |
| System requirements, PC | Supported operating system (see above), 233 MHz processer or higher, 512 MB RAM, 400 MB HD space, CD-ROM or Internet, dedicated USB or network connection |
| System requirements, Mac | OS X 10.7 or newer, Internet, dedicated USB or network connection, 1 GB HD space |
| Dimensions (width x depth x height)[29] | Minimum: 16.4 x 18.6 x 15.7 in |
| | Maximum: 16.8 x 25.7 x 16.3 in |
| Weight (with toner cartridges) | 51.2 lb |
| What's in the box | HP Color LaserJet Pro MFP M377dw; 4 preinstalled HP LaserJet Toner cartridges (Black: ~2,300 pages; Introductory Cyan, Magenta, Yellow: ~1,200 pages each cartridge[30]); In-box documentation (Getting Started Guide, Install Poster), Software drivers and documentation on CD-ROM; Power cord; USB cable |
| Software included[31] | Windows: 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, Scan to Email Setup Wizard, Scan to Folder Setup Wizard, HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), Online user manuals |
| | Mac: Welcome Screen (directs users to hp.com or OS App Source for LaserJet Software) |
| Downloadable software | From 123.hp.com: HP Easy Start (Guided Software Install for Windows and Mac) |
| | From hp.com for Windows OS: Full-solution software and drivers (Same solution as "Software Included"), HP PCL 6 print driver only, ReadIris OCR software, Product Documentation and Support |
| | From hp.com for Mac OS: Full-solution software and drivers |
| | For Mobile OS: See "HP Mobile Printing" (hp.com/go/mobileprinting) |
| | From In-OS app stores: HP recommended printer drivers and software |
| | From hp.com for printer administrators: Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator), HP Universal Print Drivers (PCL 6, PCL 5 and PS for Windows), HP ePrint Software (ePrint Mobile Driver for Windows), Linux/Unix Print Drivers; SAP (PCL 5 and PS Print Drivers), HP Web Jetadmin Software, HP Proxy Agent Software, HP JetAdvantage Security Manager[17] |
| Warranty | One-year warranty, return to HP Authorized Service Provider; one-year technical phone support, chat, and email |
| HP Sure Supply | Supported[32] |

# Environmental and power specifications

| | HP Color LaserJet Pro MFP M377dw |
|---|---|
| **Environmental ranges** | |
| *Temperatures* | Operating: 59 to 86°F; storage: -4 to 104°F; recommended: 59 to 80.6°F |
| *Relative humidity range* | Operating: 10 to 90% RH (non-condensing); non-operating: 10 to 95% RH (non-condensing); recommended: 20 to 70% RH (non-condensing) |
| **Acoustic power emissions[33]** | Active printing: 6.1 B(A); active copy: 6.4 B(A); active scan: 6.2 B(A); ready: 4.5 B(A) |
| **Acoustic pressure emissions (bystander)** | Active printing: 48 dB(A); active copy: 51 dB(A); active scan: 48 dB(A); ready: 30 dB(A) |
| **Power specifications[34]** | ENERGY STAR certified; EPEAT® Silver[35] |
| *Power supply required* | 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier) |
| *Power consumption* | Active printing: 560 watts; ready: 19.0 watts; sleep: 2.4 watts; manual off: 0.1 watt; Auto-Off/wake on LAN: 1.0 watt; Auto-Off/wake on USB: 0.6 watt |
| *Typical Electricity Consumption (TEC)[36]* | Energy Star: 1.363 kWh/week |
| *Energy-saving features* | HP Auto-On/Auto-Off Technology; Instant-on Technology |
| **Environmental specifications** | Mercury free |
| **Safety and regulatory compliance** | IEC 60950-1:2005 +A1:2009 +A2:2013; EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013; EN 62479:2010/IEC 62479:2010; CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance of IEC 60950-1 standard considers all country deviations according to the most recent IECEE CB Bulletin; UL/cUL Listed and UC CoC (US/Canada); GS Certificate (Germany, Europe); Low Voltage Directive 2006/95/EC with CE Mark (Europe); Compliance with Laser safety standards: EN 60825-1:2007 / IEC 60825-1:2007 (Class 1 Laser Product); Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007 |
| | FDA 21 CFR subchapter J part 1010 and 1040 (FDA Accession Number via test/ reporting to CDRH Factory ID, location and inspections are part of the certification process and record) |
| **Electromagnetic emission standard** | CISPR22: 2008 (Class B), EN 55022: 2010 (Class B), FCC CFR 47, Part 15 (Class B), ICES-003, Issue 5 (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. |
| **Telecom Compliance Certification** | FCC Rules and Regulations 47 CFR Part 68; EN 300 328 v1.8.1; EN 301 489-1 v1.9.2; EN 301 489-17 v2.2.1; EN 62311:2008; IEC 62311:2007; FCC Title 47 CFR, Part 15 Subpart C (Section 15.247); IC: RSS-210; R&TTE Directive 1999/5/EC |

# Ordering information

Use accessories and supplies specifically designed for the MFP to help provide efficient performance. To order the accessories and supplies listed here, go to hp.com. To contact HP by country, please visit hp.com/country/us/en/wwcontact_us.html.
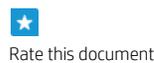
If you don't have access to the Internet, contact your qualified HP dealer, or call HP (U.S.) at (800) 282-6672.

| Product | HP Color LaserJet Pro MFP 377dw | M5H23A |
|---|---|---|
| Supplies[30] | 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 |
| Accessories | HP LaserJet 550-sheet Paper Feeder | CF404A |
| | HP v222w 16 GB Mini USB Drive | P0R81AA |
| HP Services | Make sure your imaging and printing investments are protected with Care Pack, part of HP Care. Pick your package of services to keep your MFP running and your business moving. Now your office can spend less time trouble-shooting and more time getting things done. For details, visit hp.com/go/cpc.[37] | |
| Boost performance—it's your choice. HP Care for printers provides options to help you manage printing—from Care Pack services to customizable and advisory services. With HP Managed Print Services, we oversee everything for you. | | |
| Solutions | HP Web Jetadmin: hp.com/go/wja | |
| | HP Universal Print Driver: hp.com/go/upd | |
| | HP JetAdvantage Security Manager: hp.com/go/securitymanager | |

# Notes

[1] Based on published dimensions for color 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 hp.com/go/ljclaims.

[2] Based on HP internal testing of top 3 leading competitors' first page out from sleep mode and duplex print speed completed 1/2016. Subject to device settings. Actual results may vary. For details see hp.com/go/ljclaims.

[3] Based on cartridge yields for HP 305X compared with HP 410X Original HP LaserJet Toner Cartridges. For more information, see hp.com/go/learnaboutsupplies.

[4] 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.

[5] Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

[6] Requires purchase of separate USB flash drive with at least 16 GB capacity.

[7] 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.

[8] Supports the following devices running iOS 4.2 or later: iPad, iPad 2, iPhone (3GS or later), iPod touch (3rd generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your iOS device. Wireless performance is dependent on physical environment and distance from the access point.

[9] Printer requires ePrint account registration. App or software may be required. Wireless operations are compatible with 2.4 GHz operations only. Learn more at hp.com/go/mobileprinting.

[10] Business apps require an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com.

[11] HP JetAdvantage Private Print is available at no charge and requires that the MFP be connected to the Internet with web services enabled. Not available in all countries. For more information, see hpjetadvantage.com/ondemand.

[12] Feature works with Microsoft Word and PowerPoint 2003 and later. Only Latin language fonts are supported.

[13] HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin.

[14] Based on comparisons of TEC (Typical Electricity Consumption) data reported on energystar.gov for color 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.

[15] 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.

[16] 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.

[17] Based on HP internal research on competitor offerings (Device Security Comparison, January 2015) and Solutions Report on HP JetAdvantage Security Manager 2.1 from Buyers Laboratory LLC, February 2015. HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager.

[18] HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings. May require a firmware upgrade.

[19] Compared with products that use traditional fusing.

[20] As compared with cartridge gauges for predecessor products.

[21] As compared with previous generation of HP LaserJet printers.

[22] As compared with previous generation of HP LaserJet toner cartridges.

[23] 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.

[24] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

[25] 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.

[26] HP recommends that the number of scanned pages per month be within the stated range for optimum device performance.

[27] 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.

[28] Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7. Legacy Windows Operating 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.

[29] Without optional 550-sheet tray. Dimensions with optional 550-sheet tray: 16.4 x 18.6 x 20.9 in.

[30] 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.

[31] Software varies by OS. Windows XP/Vista: driver only; Windows 7: full solution; Windows 8+ and newer: drivers only with more apps available in MS App store.

[32] Program features and availability may vary by country. For more information, visit hp.com/learn/suresupply.

[33] Configuration tested: base model, simplex printing, A4 paper at an average of 24 ppm.

[34] 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.

[35] EPEAT Silver registered models of this product are available where HP registers imaging and equipment products.

[36] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

[37] Service levels and response times may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit hp.com/go/cpc.

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