

Product guide

# Print your best— with vivid colour



HP Color LaserJet Pro MFP M176n/M177fw



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## Tackle the essentials, in vibrant colour

Accelerate your office tasks with the HP Color LaserJet Pro MFP M176n/M177fw. Print, scan, and copy in vivid colour—and share these capabilities across the office. Produce brilliant, consistent colour documents and keep black printing costs low, using HP's smallest colour LaserJet MFP. Print from virtually anywhere—using your smartphone, tablet, and PC—at work, home, or on the go.<sup>1</sup>

### Who can benefit?

This compact multifunction printer is ideal for cost-conscious business customers looking to boost productivity and print impressive colour documents in-house. And for businesses that need the capability to copy and scan in colour, this MFP will fit right in with its sleek, compact design and intuitive controls. The M177fw model also offers convenient faxing from the touchscreen display and an automatic document feeder for copying and faxing multiple pages hands-free. Plus, this affordable MFP can help businesses improve their bottom line with ENERGY STAR® certification and HP's intelligent Auto-On/Auto-Off technology.<sup>2</sup>



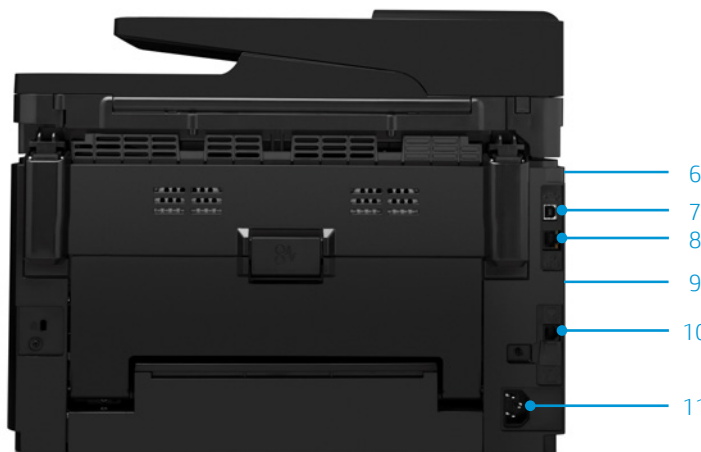
# Product walk around

HP Color LaserJet Pro MFP M177fw shown

- 1 35-sheet automatic document feeder (M177fw model only)
- 2 Plate glass colour scanner handles up to 216 x 297 mm (8.5 x 11.7 in) paper
- 3 50-sheet face-down output bin
- 4 7.6 cm (3 inch) touchscreen colour graphic display (M177fw model only)
- 5 150-sheet input tray with removable dust cover
- 6 Integrated 802.11b/g/n wireless networking (M177fw model only)
- 7 Hi-Speed USB 2.0 printing port
- 8 Fast Ethernet network port for easy sharing
- 9 600 MHz processor, 128 MB RAM
- 10 Fax port, RJ-11 (M177fw model only)
- 11 Power connection



Front view



Rear view

## Series at a glance

	HP Color LaserJet Pro MFP M176n	HP Color LaserJet Pro MFP M177fw
<b>Functions</b>	Print, copy, and scan	Print, copy, scan, and fax
<b>Print speed<sup>3</sup></b>	Black: up to 16 ppm A4 (17 ppm letter) Colour: up to 4 ppm A4/letter	Black: up to 16 ppm A4 (17 ppm letter) Colour: up to 4 ppm A4/letter
<b>Print resolution (black/colour)</b>	600 dpi (normal); up to ImageREt 2400 (best)	600 dpi (normal); up to ImageREt 2400 (best)
<b>Control panel</b>	2-line LCD (text)	7.6 cm colour touchscreen
<b>Automatic document feeder (ADF)</b>	No	Yes, 35-sheet
<b>Scan type</b>	Flatbed	Flatbed, ADF
<b>Ethernet networking</b>	10/100Base-TX	10/100Base-T TCP/IP
<b>Wireless networking</b>	No	Built-in wireless 802.11b/g/n
<b>Mobile printing capability</b>	HP ePrint, Apple® AirPrint™	HP ePrint, HP wireless direct printing, Apple AirPrint

# Top features at a glance

Take office efficiency to the next level—print, scan, copy, and fax (faxing available with the M177fw model only) with this affordable, networked MFP. Make your business look its best. Produce professional-quality documents with vibrant colour and sharp black text. Set up and complete jobs with ease, using intuitive controls. Enhance your productivity with a device that keeps you connected to printing—from anywhere in the office or on the go.<sup>1</sup>

## Make the most of your printing resources

- Show your best with brilliant, consistent colour using HP's smallest colour LaserJet MFP and Original HP LaserJet toner cartridges.
- Print crisp text at the same black cost per page as from a black-and-white HP LaserJet.<sup>4</sup>

## Take tasks from start to finish with ease

- Set up each task with just a few simple taps on the 7.6 cm colour touchscreen—and access apps to print web content right from the screen (included with the M177fw model).<sup>1</sup>
- Quickly capture two-sided ID cards or small documents in fewer steps.
- Copy multiple pages hands-free with the automatic document feeder (included with the M177fw model).
- Hold results in your hand without a long wait. This MFP goes from zero to delivering the first page in seconds.

## Print on your terms

- Print from virtually anywhere using your smartphone, tablet, and PC—with HP ePrint and Apple AirPrint.<sup>1,5</sup>
- Extend your printing reach. Easily set up, print, and share using built-in Ethernet and wireless connectivity (wireless included with the M177fw model).<sup>6</sup>
- Easily manage your MFP with convenient device management tools.

## Conserve resources without sacrificing performance

- Help save energy with HP Auto-On/Auto-Off Technology.<sup>2</sup>
- Help improve the environment and your bottom line with this ENERGY STAR® qualified MFP.
- Help reduce your impact—easily recycle Original HP LaserJet toner cartridges through HP Planet Partners.<sup>7</sup>



Colour touchscreen



HP ePrint



Auto-Off Technology

## Make the most of your printing resources

Get a lot from just one device. Produce impressive colour documents simply and affordably with a compact MFP that fits in small spaces.

### Print your best with professional colour

Show your best work with vivid colour output and keep black printing costs low. This compact, affordable MFP delivers beautiful colour documents and crisp text with the same great value for black printing as from a black-and-white HP LaserJet.<sup>4</sup>

#### Impressive output quality without trade-offs

Produce high-impact, professional-quality colour with ease, using the HP Color LaserJet Pro MFP M176n/M177fw. HP's ImageREt 2400 and ColorSphere toner technologies deliver consistent colour and crisp detail for high-quality images, text, and graphics.

Image REt 2400 provides 2400-dots-per-inch (dpi) colour laser-class quality through a multilevel printing process. This process precisely controls colour by combining up to four colours within a single dot and by varying the amount of toner in a given area. Together with the 600 x 600 engine resolution, ImageREt 2400 creates millions of smooth colours, sharp images, and crisp text automatically. There is no need to change driver settings, or trade print quality for better performance or less memory. You'll get optimal print quality without intervention.

#### Results you can rely on

Achieve outstanding printing results thanks to the exceptional reliability and consistency of Original HP toner cartridges with ColorSphere II toner technologies. HP LaserJet ColorSphere Toner produces a dynamic range of bright, brilliant colours. With more intense colour and more subtle transitions between colours, you get bold graphics and realistic images. Handle your printing efficiently and on budget. Avoid wasted supplies, reprints, and costly delays.

### Make the most of an MFP that fits in small spaces

Conserve office space with HP's smallest colour LaserJet MFP. Close at hand or out of the way, it will be right at home anywhere you choose to put it.

# Take tasks from start to finish with ease

Spend less time at the printer and more with your customers. Set up tasks with just a few simple taps on the 7.6 cm colour touchscreen—and access apps that make document management easier (M177fw model only). Easily copy both sides of a two-sided ID card onto the front of a single page.

## Easy control at your fingertips

The HP Color LaserJet Pro MFP M177fw has a bright 7.6 cm colour touchscreen that will transform the way you use your multifunction device. You can complete many common tasks without ever touching your computer—including accessing HP Web Services and checking supplies. The control panel offers displays in several languages, and the adjustable tilt angle of the touchscreen provides convenient accessibility to all users.

### Control made easy

The HP Color LaserJet Pro MFP M176n has an intuitive control panel with a 2-line LCD text display. The streamlined control panel helps you set up each project easily and get started right away.



## Copy with fewer steps

The MFP may be used as a standalone, walk-up copier. You can adjust all copy settings at the control panel, including adjustment settings for contrast and lightness/darkness of reproduction, reduction or enlargement from 25 to 400 percent, and copy optimization, which automatically detects the document type and adjusts settings for the best results.

There's even a setting for easily copying two-sided ID cards. Choose ID Copy from the control panel to capture both sides of a double-sided identification card and print them on one side of a single page for reporting and filing.



Copy



Easy ID copy

### Make the most of your time with an automatic document feeder

The M177fw model has a 35-page automatic document feeder (ADF) for copying and faxing multiple-page documents hands-free. Simply place your originals in the ADF, select copy settings or enter the fax number from the touchscreen display, and walk away or attend to other tasks.

## Go from zero to the first print out in a matter of seconds

This MFP delivers black-and-white prints at speeds up to 16 pages per minute (ppm), A4 and colour prints up to 4 ppm A4.<sup>3</sup> First page out speeds from ready are as fast as 16 seconds for black-and-white output and 27.5 seconds for colour on A4 paper.<sup>8</sup>

Expand your media options with support for a variety of media types, including envelopes, labels, transparencies, and card stock. Print on a range of media sizes, from 76 x 127 mm to 216 x 356 mm.



Scan to folder

## Simplify your workflow

Efficiency is always within reach. The colour touchscreen on the M177fw model makes it easy to access useful apps—straight from the touchscreen.<sup>1</sup> Business apps, such as Google™ Docs and Box allow you to scan directly to online storage sites from the M177fw flatbed scan glass (the MFP must be connected to the network and HP Web Services must be enabled to use this feature). Use the HP scanning software to scan directly to email, network folders, and applications from either the M176n or M177fw scan glass.

These scan features help you:

- **Save time and resources**—Scan straight to your desired destination with the MFP's scan features. And with nothing to print, these features cut down on paper and toner usage.
- **Conserve space and increase security**—Easily archive a digital copy of whatever you scan—from documents to receipts, invoices, estimates, and contracts. You don't have to worry about losing important papers or using up valuable space with a filing cabinet.
- **Get instant access**—Provide immediate access to scanned documents for others on your network, if you choose.
- **Scan in accurate colour**—Preserve the appeal of full-colour documents and photos. Scan in 24-bit colour—ideal for sharing and archiving high-quality digital versions of your originals. With full-colour scanning, scanned files are easier to read.



Scan to email



# Print on your terms

Get more done with easy printing from your smartphone, tablet, or PC—from virtually anywhere in the office or on the go.<sup>1</sup> Easily share MFP functions with built-in networking.

## The easiest way to print at work, home or on the go

Enjoy the convenience of printing from your tablet, smartphone, and other mobile devices. HP makes it easy to stay productive, with a variety of mobile printing solutions.



HP ePrint



Wireless direct

### Print in your office or home

- If you have an iPad®, iPhone® or iPod touch, use Apple AirPrint<sup>5</sup> to print right from your device—no need to install anything. Just tap the action icon on the photo or document you want to print, select Print, then select the HP Color LaserJet Pro MFP M176n/M177fw from the printer list and hit Print again.
- With a Windows 8 phone, select Devices from the charms tab on the item you want to print, choose the HP Color LaserJet Pro MFP M176n/M177fw, and hit Print.<sup>1</sup> It's that simple!
- With a Samsung Galaxy S® 4 smartphone or HP Slate 7 tablet, printing is just as easy, because print drivers are built into the Android operating system. When you're ready to print, just go to the Menu, select Print, select the HP Color LaserJet Pro MFP M176n/M177fw, and hit Print again.<sup>1</sup>
- If you have another type of Android device,<sup>9</sup> simply download and open the HP ePrint app,<sup>1</sup> choose the item you want to print, confirm your printer settings, and select Print.
- HP wireless direct printing allows you to print directly to the HP Color LaserJet Pro MFP M177fw without connecting to your local Wi-Fi network.<sup>10</sup> Simply connect your mobile device to the MFP in the same way you would discover and connect to any public wireless network. Printing is simple and straightforward. Just access the print function from the document you want to print, select the MFP, and hit Print. When you enable a passphrase through the HP Embedded Web Server, you're in charge of who can use your MFP.

### Print while on the road or out and about

- HP ePrint provides a simple way to print from any device capable of sending an email.<sup>1</sup> Each HP ePrint-enabled printer has its own unique email address. Just attach a file that you want to print to an email message and send that message to your MFP. With HP ePrint, you can print from virtually anywhere, at any time.

### Add more ways to print with an optional HP mobile printing accessory

You can easily add wireless direct printing to the M176n model—or add touch-to-print technology to both models—with the HP 1200w Mobile Print Accessory.<sup>10,11,12</sup> USB installation makes it easy to get up and running fast.

With touch-to-print, you can walk up and print from your NFC-enabled smartphone or tablet with just a touch.<sup>12</sup> NFC, or near field communication, automatically discovers the MFP, eliminating the guesswork and creating a one-to-one connection using wireless technology.

## Share the MFP easily

This compact MFP is designed to be easy to share with a small work team. Embedded networking capabilities allow you to connect the MFP directly to a Fast Ethernet network.

Built-in 802.11b/g/n networking and HP Auto Wireless Connect (included with the M177fw model) make it easy to connect the MFP to your wireless network automatically and print wirelessly right away.<sup>13</sup>

Wireless networking allows work teams with a wireless router and a wireless-enabled notebook or desktop computer to print via Wi-Fi—there’s no need for a cable between the computer and the MFP. Benefits that are unique to wireless networking include:

- **Increased mobility**—Place the MFP anywhere in your wireless network environment.
- **Reduced cable clutter**—Keep your work space tidy and organized with fewer cables.
- **Simpler relocation**—Fewer cables make it easier to move equipment from one location to another. There’s no need to install expensive LAN cabling.

## Manage devices remotely

Proactively manage your MFP and help save valuable time with convenient device management tools. HP Device Toolbox for Windows and HP Utility for Mac OS X provide easy access to the product’s HP Embedded Web Server. Here you can view device and network status and adjust settings from your computer, instead of from the MFP control panel.

## Enjoy peace of mind with legendary HP reliability

Prior to its introduction, a new HP LaserJet device undergoes rigorous HP testing to provide consistent, high-quality output. Tests are performed with a large sample of devices through each step of the design process, to be certain that the device measures up to HP standards. The result is a solid, reliable product that produces consistent, excellent print quality over its entire life.

The MFP includes a standard one-year limited warranty. (Warranty may vary by country as required by law.) Additional warranty and service extension options are available. Go to [hp.com/support](http://hp.com/support) to learn about HP award-winning service and support options in your region.



Maximize uptime

### HP services—protect your technology investment and stay productive

Enhance your standard warranty with HP Care Pack services. Our range of support services provide you peace of mind at predictable costs—so you can focus on what you care about.

With HP Care Pack services you simply choose the level of support you need—no more, no less. A variety of options are available for the HP Color LaserJet Pro MFP M176n/M177fw.<sup>14</sup> For more details, see “Ordering information” on page 15. You can also select the HP Care Pack to best meet your needs at [hp.com/go/cpc](http://hp.com/go/cpc).

## Conserve resources without sacrificing performance

It has never been more important to save energy and resources, and HP technologies can help. HP's Design for the Environment initiative is driving improvements at every stage in the product lifecycle—helping reduce the amount of energy, paper, packaging, and materials used at HP and by our customers.

### Reduce clutter and waste—scan, store, and share documents digitally

No matter what size your organization is, scanning and storing documents digitally can help you make faster, better business decisions by capturing, managing, preserving, and delivering safeguarded data quickly and efficiently. Plus, you get the benefit of not having stacks of paper everywhere or requiring as much storage space.

### Conserve energy

With its intelligent design, this MFP can help you meet your energy goals without sacrificing performance:

- **ENERGY STAR® qualified product**—HP equipment marked with the ENERGY STAR logo is qualified to the U.S. Environmental Protection Agency's ENERGY STAR specifications for imaging equipment. Additional ENERGY STAR information is listed at: [hp.com/go/energystar](http://hp.com/go/energystar).
- **HP Auto-On/Auto-Off Technology**—Stay productive and conserve resources with intelligence that can turn your MFP on when you need it and off when you don't.<sup>2</sup>



Auto-On/Auto-Off Technology

### Reduce your impact and recycle HP cartridges

Use HP SureSupply to consolidate supplies orders, helping to save money while reducing the environmental impact of packing and transporting multiple single orders.<sup>15</sup>

Toner cartridge recycling is easy and free with the HP Planet Partners program, available in more than 50 countries, territories, and regions around the world.<sup>7</sup> All Original HP toner cartridges returned to HP through Planet Partners are recycled to recover raw materials. HP never refills, resells, or sends HP print cartridges to a landfill.



HP Planet Partners

# Technical specifications

	HP Color LaserJet Pro MFP M176n	HP Color LaserJet Pro MFP M177fw
<b>Print speed<sup>3</sup></b>	Black: up to 16 ppm A4 (17 ppm letter); Colour: up to 4 ppm A/letter	
<b>First page out<sup>8</sup></b>	Black: as fast as 16 seconds (A4/letter); Colour: as fast as 27.5 seconds (A4/letter)	
<b>Print resolution</b>	Black (Best): up to ImageREt 2400; Black (normal): up to 600 x 600 dpi; Colour (Best): up to ImageREt 2400	
<b>Control panel</b>	2-line LCD (text)	7.6 cm (3 inch) touchscreen colour graphic display
<b>Scan features</b>		
Scan resolution	Enhanced: up to 1200 dpi; Hardware: up to 1200 x 1200 dpi; Optical: up to 1200 dpi	
Scan type	Flatbed	Flatbed, ADF
Bit depth / Grayscale levels	24-bit / 256	
TWAIN version	HP TWAIN v 1.9	
File formats	Windows: Scan software supports JPG, RAW (BMP), PDF, TIFF, PNG Mac: Scan software supports TIFF, PNG, JPEG, JPEG-2000, PDF, PDF-Searchable, RTF, TXT	
Digital sending features	Scan to email by HP software, scan to application by HP software, scan to file by HP software	
Scan input modes	Scanning via HP LaserJet scan application or TWAIN-or WIA-compliant application software	
Media sizes	Flatbed: No minimum up to 216 x 297 mm (8.5 x 11.7 in) ADF: Minimum: 152 x 114 mm (6 x 4.5 in); Maximum: up to 216 x 356 mm (8.5x 14 in)	
<b>Copy features</b>		
Copier reduce/enlarge	25 to 400%	
Copy resolution	Black graphics: up to 400 x 600 dpi; Black text: up to 300 x 300 dpi; Colour text and graphics: up to 300 x 300 dpi	
Copier settings	Number of copies, Lighter/Darker, Reduce/Enlarge, Optimize (draft, text, mixed, picture)	Number of copies, Lighter/Darker, Reduce/Enlarge, Optimize (draft, text, mixed, picture), Paper Size, Collation
<b>Fax resolution</b>		
	Black: up to 300 x 300 dpi (best); 203 x 98 dpi (standard) Black and White (fine): 203 x 196 dpi, 256 levels of gray Black and White (superfine): 300 x 300 dpi or 203 x 392 dpi, 256 levels of gray Black Photo Grayscale: 300 x 300 dpi (halftone)	
<b>Fax features</b>		
	Fax Auto Reduction, Fax Distinctive Ring Detection, Fax Auto-redialing, Fax Broadcasting (up to 100 locations), Fax Speed Dialing (up to 100 numbers, Fax Delayed Sending, Fax Forwarding, Fax Polling, Fax Memory (up to 500 pages A4/letter), Fax Telephone Mode, Fax Junk Barrier, Fax PC Interface, Fax Remote Retrieval Capability, Fax Phone TAM Interface	
<b>Processor and memory</b>	600 MHz; 128 MB RAM	
<b>Durability ratings</b>		
RMPV (recommended monthly page volume) <sup>16</sup>	250 to 950	
Duty cycle <sup>17</sup>	Up to 20,000 pages	
<b>Media specifications</b>		
Output media handling	50-sheet face-down output bin	
Input capacities	Input tray: up to 150 sheets, up to 10 envelopes	Input tray: up to 150 sheets, up to 10 envelopes ADF: 35 sheets
Media types	Paper (bond, brochure, coloured, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, transparencies, labels, envelopes	
Media sizes	A4, A5, A6, B5, 16K, 10 x 15 cm, postcards (JIS single and double), envelopes (DL, C5, B5); custom sizes: 76 x 127 to 216 x 356 mm Letter, legal, executive, 4 x 6 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 10, Monarch); custom sizes: 3 x 5 to 8.5 x 14 in	

	HP Color LaserJet Pro MFP M176n	HP Color LaserJet Pro MFP M177fw
Media weights	Cut sheet paper: 60 through 120 g/m <sup>2</sup> , envelopes: 60 through 90 g/m <sup>2</sup> , post cards: 135 through 176 g/m <sup>2</sup> , HP glossy media 130 through 220g/m <sup>2</sup> 16 to 58 lb bond	
<b>Print languages</b>	PCLm/PCLmS	
<b>Printer management</b>	Windows: HP Device Toolbox, Status Alerts (default install), Mac: HP Utility	
<b>Connectivity</b>	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port; Wireless 802.11b/g/n
<b>Networking capabilities</b>	Via built-in 10/100 Base-TX networking	Via built-in 10/100Base-T TCP/IP networking, Wi-Fi 802.11b/g/n
<b>Mobile printing capabilities</b>	HP ePrint, Apple AirPrint	HP ePrint, Apple AirPrint, HP wireless direct printing
<b>Security management</b>	Password-protected network embedded Web server; 802.11: WEP, WPA, WPA2; SNMPv1 community password change	
<b>Compatible operating systems</b>	Windows: Full software installs supported on: Microsoft® Windows® 8 32-bit and 64-bit, Microsoft Windows 7 32-bit and 64-bit, Windows Vista® 32-bit and 64-bit, Windows XP 32-bit (SP2 or higher); Driver only installs supported on: Microsoft Windows 2012, Microsoft Windows Server 2008 32-bit and 64-bit, Windows Server 2008 R2 (x64) SP1, Windows Server 2008 (Standard Edition), Windows Server 2008 (Enterprise Edition), Windows Server 2003 32-bit and 64-bit (SP1 or higher), Windows XP 64-bit (SP2 and higher) Mac: Mac OS X v 10.6.8 and later Linux: Please check Linux online support: <a href="http://hplipopensource.com/hplip-web/install.html">hplipopensource.com/hplip-web/install.html</a>	
<b>System requirements</b>	Microsoft Windows 8 32-bit and 64-bit, Microsoft Windows 7 32-bit and 64-bit, Windows Vista 32-bit and 64-bit, Windows XP 32-bit (SP2 or higher), minimum hard disk space required (CD and Web Package) 200 MB, minimum RAM installed 512 MB, CD-ROM/DVD or Internet, USB or network port Mac OS X v 10.6; PowerPC G4, G5, or Intel® Core™ Processor, 500 MB hard disk, CD-ROM/DVD-ROM or Internet, USB or network port	
<b>Dimensions (width x depth x height)</b>	Minimum: 423 x 425 x 280 mm (16.7 x 16.7 x 11 in) Maximum: 423 x 484 x 280 mm (16.7 x 19 x 11 in)	Minimum: 423 x 425 x 335 mm (16.7 x 16.7 x 13 in) Maximum: 423 x 484 x 335 mm (16.7 x 19 x 13 in)
<b>Weight</b>	15 kg (33 lb)	16 kg (35 lb)
<b>What's in the box</b>	HP Color LaserJet Pro MFP M176n, Preinstalled introductory HP LaserJet Black, Cyan, Yellow, Magenta print cartridges (~500 pages <sup>18</sup> ), Installation guide; Getting Started guide; User's Guide; Support flyer; Warranty guide; printer software and documentation on CD; power cord	HP Color LaserJet Pro MFP M177fw, Preinstalled introductory HP LaserJet Black, Cyan, Yellow, Magenta print cartridges (~500 pages <sup>18</sup> ); Installation guide; Getting Started guide; User's Guide; Support flyer; Warranty guide; printer software and documentation on CD; power cord; USB cable; phone cord
<b>Software included</b>	Windows: HP Installer/Uninstaller, HP PCLmS print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, Status Alerts, HP Update, DXP Mac: HP Installer/Uninstaller, HP PCLmS print Driver, HP Scan, HP Setup Assistant, HP Utility, HP Alerts, HP Firmware Updater	Windows: HP Installer/Uninstaller, HP PCLmS print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, HP Fax Setup Wizard, HP Send Fax, Status Alerts, HP Update, DXP Mac: HP Installer/Uninstaller, HP PCLmS print driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, HP Utility, HP Alerts, HP Firmware Updater
<b>Downloadable software</b>	Windows Full Software Solution, HP EcoPrint Console, HP ePrint Mobile Driver, Mac Software Solution, Linux Software Solution	
<b>Warranty</b>	One-year limited warranty. Warranty may vary by country as required by law. Go to <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region.	
<b>HP SureSupply</b>	HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit <a href="http://hp.com/go/suresupply">hp.com/go/suresupply</a> . (Only available with Original HP supplies; Internet access required.)	

## Environmental and power specifications

<b>Environmental ranges</b>		
Temperatures	Operating: 15 to 30° C (50 to 86° F); Storage: -20 to 60° C (-4 to 140° F)	
Relative humidity range	Operating: 10% to 80% RH; Recommended: 30% to 70% RH	
<b>Acoustic power emissions<sup>19</sup></b>		
	Ready mode: Inaudible; Active printing: 6.2 B(A)	
<b>Acoustic pressure emissions (bystander)<sup>19</sup></b>		
	Ready mode: Inaudible; Active printing: 49 dB(A)	
<b>Power specifications</b>		
Power supply required	Input voltage 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz)	
Power consumption <sup>20</sup>	Printing: 300 watts; Copying: 140 watts; Ready: 8.3 watts; Sleep/auto-off: 1.0 watts; Manual off: 0.6 watts	Printing: 290 watts; Copying: 200 watts; Ready: 9.2 watts; Sleep/auto-off: 1.3 watts; Manual off: 0.2 watts
Typical Electricity Consumption (TEC)	0.615 kWh/Week	0.713 kWh/Week
Energy-saving features	HP Auto-on/Auto-off Technology, ENERGY STAR qualified	
<b>Environmental specifications</b>		
	Mercury free	
<b>Electromagnetic emission standard</b>		
	CISPR 22:2008 / EN 55022:2010-Class B, EN61000-3-2:2006 +A1:2009 +A2:2009, EN 61000-3-3:2008, EN 55024:2010, FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 5, GB9254-2008, GB17625.1-2003, EMC Directive 2004/108/EC (Europe), other EMC approvals as required by individual countries	
<b>Telecom compliance certification</b>		
	IEC 60950-1:2005 +A1 (International), EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 (EU), IEC 60825-1:2007, UL/cUL Listed (US/Canada), GS License (Europe), EN 60825-1:2007 (Class 1 Laser/LED Device), Low Voltage Directive 2006/95/EC with CE Marking (Europe), other safety approvals as required by individual countries	Wireless telecommunications: EU (R&TTE Directive 1999/5/EC, EN 301 489-1 V1.8.1:2008-04, EN 301 489-17 V2.1.1:2009-05, EN 300 328 V1.7.1:2006-10; US (FCC 15.247); Canada RSS-210, IEC 62311:2007, EN62311:2008 Fax Telecom: ES 203 021; R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); FCC Part 68; Industry Canada CS03; NOM-151-SCTI-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries
<b>Safety and regulatory compliance</b>		
	IEC 60950-1:2005 +A1 (International), EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 (EU), IEC 60825-1:2007, UL/cUL Listed (US/Canada), GS License (Europe), EN 60825-1:2007 (Class 1 Laser/LED Device), Low Voltage Directive 2006/95/EC with CE Marking (Europe), other safety approvals as required by individual countries	

# 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](http://hp.com). If you don't have access to the Internet, contact your qualified HP dealer.

<b>Colour MFPs</b>	HP Color LaserJet Pro MFP M176n HP Color LaserJet Pro MFP M177fw	CF547A CZ165A
<b>Supplies<sup>18</sup></b>	HP 130A Black LaserJet Toner Cartridge (~1,300 yield) HP 130A Cyan LaserJet Toner Cartridge (~1,000 yield) HP 130A Yellow LaserJet Toner Cartridge (~1,000 yield) HP 130A Magenta LaserJet Toner Cartridge (~1,000 yield) HP 126A LaserJet Imaging Drum	CF350A CF351A CF352A CF353A CE314A
<b>HP mobile print accessory</b>	HP NFC/Wireless 1200w Mobile Print Accessory	E5K46A
<b>HP Care Pack Services</b>	HP 3 year Service Plan with Next business day Exchange for Color LaserJet MFP Printers HP 3 year Service Plan with Standard Exchange for Color LaserJet MFP Printers	UX435E UX453E
<b>Paper</b>	Europe: <a href="http://hp.com/go/learnaboutesupplies">hp.com/go/learnaboutesupplies</a> Contact HP via phone: Europe: +800 7644 7644	
<b>Solutions</b>	Latest drivers available from HP support Web site at <a href="http://hp.com/go/support">hp.com/go/support</a>	

## Contact information

### Hewlett-Packard Company

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### Contact HP by country:

[welcome.hp.com/country/us/en/wwcontact\\_us.html](http://welcome.hp.com/country/us/en/wwcontact_us.html)

## Notes

<sup>1</sup> Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to the printer. Wireless performance is dependent on physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting) for more details.

<sup>2</sup> HP Auto-On and Auto-Off Technology subject to printer and settings.

<sup>3</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>4</sup> Compared with HP LaserJet Pro MFP M125 and M127 series. Assuming customer is printing at least 30% of total pages in color with content similar to the colour ISO/IEC 19798 test suite ([iso.org/itc1/sc28](http://iso.org/itc1/sc28)) and overall average job length of three pages. Yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of colour pages printed, and other factors.

<sup>5</sup> Supports OS X® Lion, OS X Mountain Lion and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later) and 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 OS X or iOS device. Wireless performance is dependent upon physical environment and distance from the access point. OS X, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. AirPrint and the AirPrint logo are trademarks of Apple Inc.

<sup>6</sup> Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

<sup>7</sup> Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries, territories and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit [hp.com/recycle](http://hp.com/recycle).

<sup>8</sup> Exact speed varies depending on the system configurations, software application, driver and document complexity.

<sup>9</sup> While your mobile device is directly connected to the printer, content requiring Internet support is not supported via the HP ePrint app while in HP direct mode.

<sup>10</sup> Mobile device must be wireless-enabled. Wireless performance is dependent on physical environment and distance from access point. Feature may require driver or apps. For more details, see [hp.com/go/wirelessprinting](http://hp.com/go/wirelessprinting).

<sup>11</sup> HP 1200w Mobile Print Accessory works with HP Officejet 100/150 Mobile printers and most HP LaserJet printers and multifunction products (MFPs) introduced in 2008 or later that are equipped with a USB port.

<sup>12</sup> For touch-to-print capability, mobile device must support NFC-enabled printing.

<sup>13</sup> HP Auto Wireless Connect may not be available for all system configurations. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only. For information on compatibility, visit [hp.com/go/wirelessprinting](http://hp.com/go/wirelessprinting).

<sup>14</sup> Service levels and response times for HP Care Pack Services 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](http://hp.com/go/cpc).

<sup>15</sup> HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit [hp.com/go/suresupply](http://hp.com/go/suresupply); only available with Original HP supplies; internet access required.

<sup>16</sup> HP recommends that the number of printed pages per month 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>17</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>18</sup> Introductory cartridges included; yields ~500 colour composite (C/Y/M) and ~500 black pages based on ISO/IEC 19798 and continuous printing. Replacement cartridge average composite (C/Y/M) declared yield ~1,000 and average black yield ~1,300 pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see [hp.com/go/learnaboutsplies](http://hp.com/go/learnaboutsplies). Imaging drum yield is approximately 14,000 pages when printing in black; approximately 7,000 pages when printing in colour; approximately 9,000-10,000 pages when printing in average customer conditions. Pages may vary based on customer printing conditions and usage.

<sup>19</sup> Acoustic values are subject to change. For current information see [hp.com/support](http://hp.com/support). Configuration tested: Color LaserJet Pro MFP M177fw, simplex printing with A4 paper. Color LaserJet Pro MFP M177fw, ADF copy and print simplex using A4 paper.

<sup>20</sup> Values subject to change. Power numbers are the highest values measured using all standard voltages. See [hp.com/support](http://hp.com/support) for current information. 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.

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