

# Expand your printing potential



HP LaserJet Pro MFP M435nw



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# Move your business forward, fast

Bring innovation to your office with the HP LaserJet Pro MFP M435nw. Boost efficiency with fast print speeds, and produce crisp, clear documents—including broad layouts and images on paper sizes up to A3. Get great results with less effort, at a touch. Master your workflow—scan straight to email and networked folders.

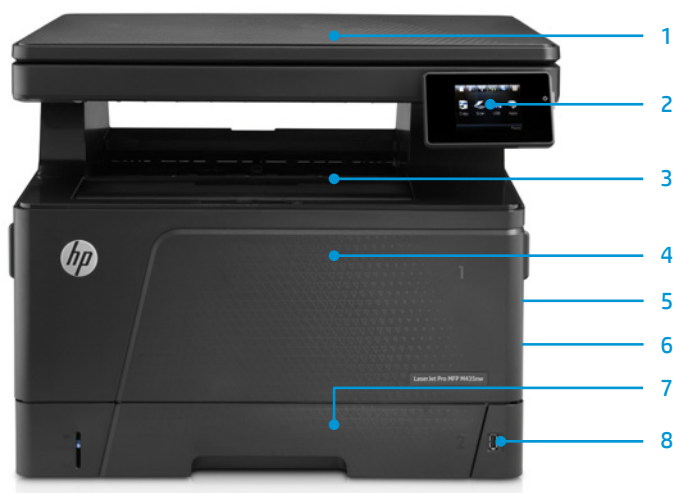
## Who can benefit?

This monochrome multifunction printer is ideal for cost-conscious business customers looking to boost printing, copying, and scanning speeds. For businesses that need to produce crisp documents up to A3 size with less intervention, the HP LaserJet Pro MFP M435nw will be right at home with its user-friendly touchscreen and its ability to scan to cloud, email, network folders, and online storage sites.<sup>1</sup> And this MFP has a very small footprint, giving small- and medium-sized businesses the functionality they need without requiring a large space.



# Product walk around

- 1 Plate glass colour scanner handles up to A3 paper size
- 2 Intuitive 3-inch colour touchscreen control panel
- 3 250-sheet output bin with extension for long paper
- 4 100-sheet multipurpose tray 1 handles heavy custom media up to 199 g/m<sup>2</sup>
- 5 Built-in 802.11 b/g/n wireless networking
- 6 HP wireless direct and HP ePrint for simple printing from mobile devices
- 7 250-sheet input tray 2 supports media up to A3 size
- 8 Walk-up USB port to save and print files directly
- 9 Fast Ethernet network port for easy sharing
- 10 Hi-Speed USB 2.0 printing port
- 11 750 MHz processor, 512 MB RAM
- 12 Power connection



Front view



Rear view

# Top features at a glance



A3/tabloid support



Colour touchscreen



Scan to colour



Auto-On/Auto-Off Technology

Take office efficiency to the next level—print, scan, and copy quickly on paper sizes up to A3/tabloid. Produce crisp, clear documents that impress without sacrificing a lot of space. Command jobs with ease—tap the touchscreen to access convenient file storage and sharing options.

## Documents at the speed of business

- Set the pace for success with super-fast print speeds on paper sizes up to A3.
- Extend your printing reach—easily set up, print, and share using built-in Ethernet and wireless connectivity.<sup>2</sup>
- Mobile printing is made easy with wireless direct printing, HP ePrint, and Apple® AirPrint. Print anytime from any device.<sup>1</sup>
- Focus on your work, not on reloading paper, with a 350-sheet standard input capacity, upgradable to 850 sheets when combined with an optional 500-sheet tray.<sup>3</sup> Print from every tray on sizes up to A3. Reduce paper use by adding optional automatic two-sided printing.<sup>4</sup>

## Take control—tap, touch, done

- Work smarter—access, store, and print business content quickly from the 3-inch colour touchscreen.<sup>1</sup>
- Simplify copying—quickly capture two-sided ID cards or multiple passport pages in fewer steps. This MFP makes it easy to copy multiple images onto the front of a single page.

## Scan, save, send—simple

- Simplify your workflow. Work smarter with touchscreen-enabled scanning to the cloud, USB, email, or networked folders.<sup>1</sup>
- Scan in accurate colour—for stunning digital versions of your originals.
- Walk up and print right away, using the walk-up USB port.
- Easily manage your MFP with HP's Universal Print Driver and Web Jetadmin.<sup>5,6</sup>

## Conserve resources without sacrificing performance

- Help save energy with HP Auto-On/Auto-Off Technology.<sup>7</sup>
- Improve the environment and your bottom line with this ENERGY STAR® certified MFP.
- Reduce your impact—easily recycle Original HP LaserJet toner cartridges through HP Planet Partners.<sup>8</sup>

# Documents at the speed of business

Set the pace for success—spend less time at the printer and more time on your customers. Print, scan, and copy in seconds, on multiple paper sizes up to A3/tabloid. Easily set up, print, and share using Ethernet and wireless connectivity.<sup>2</sup> Enjoy the productivity of an enterprise MFP with a footprint that fits on your desktop.

## 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, with mobile printing capabilities built right into the HP LaserJet Pro MFP M435nw.



Wireless direct

### Wireless printing in the office

There are two different ways to print wirelessly to this MFP: connect to the same wireless network, or use HP wireless direct.

HP Wireless Direct printing allows anyone to print securely, without connecting to your local network. Simply connect your mobile device to the HP LaserJet M435nw in the same way you would discover and connect to any public wireless network. This provides a secure and easy way to share printing. Print jobs are encrypted as they're sent to the MFP, and with a configurable passphrase you don't have to worry about who is connecting to your office printer.

- If you have an iPad®, iPhone® or iPod touch, use Apple AirPrint™ 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 LaserJet M435nw 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 MFP, and hit Print. It's that simple!
- With a Samsung Galaxy S4 or HP Slate 7 tablet, printing is just as easy, because it's built into the Android operating system.<sup>9</sup> When you're ready to print, just go to the Menu, select Print, select the MFP, and hit Print again.
- If you have another type of Android device,<sup>9</sup> simply download and open the HP ePrint app,<sup>1</sup> choose the photo or document you want to print, confirm your printer settings, and select Print.



HP ePrint

### On-the-go printing

HP ePrint provides a simple way to print on the go, from virtually anywhere, with any device capable of sending an email. Each HP ePrint-enabled MFP 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.

## Easily share the MFP

Designed to be easy to share with a small workteam, the MFP offers embedded wired networking capabilities that allow you to connect directly to a Fast Ethernet 100/1000Base-TX network. This device also includes built-in 802.11b/g/n networking, so you can connect the MFP directly to a wireless (Wi-Fi) network.<sup>2</sup> Wireless networking allows work teams with a wireless router and a wireless-capable notebook or desktop computer to print via Wi-Fi—there's no need for a cable between the computer and the MFP. The benefits that are unique to built-in wireless networking include:

- **Increased mobility**—Place the MFP anywhere in your wireless network environment.
- **Reduced cable clutter**—Keep your office environment tidy and organised 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.



A3/tabloid support

## Set the pace for success with quick print speeds

Need documents fast? With 256 MB of memory and a 750 MHz processor, this MFP delivers black and white prints at speeds up to 15 pages per minute (ppm) A3/tabloid and up to 31 ppm A4.<sup>10</sup> With the optional duplexer, duplex pages are delivered as fast as 22 ipm.<sup>4</sup> First page out speeds are as fast as 10 seconds from ready (A4).<sup>11</sup>



Up to 850 sheets  
with optional tray

## Keep moving with expandable, versatile paper handling

Help meet the needs of your high volume imaging and printing environment and handle large jobs efficiently.

- This MFP has a standard page capacity of 350 sheets, with one optional 500-sheet input tray, for a maximum capacity of 850 sheets.<sup>3</sup> With the option to load paper in volume or use each tray for a different type, you won't need to reload paper as frequently.
- The multipurpose tray supports heavy custom media up to 199 g/m<sup>2</sup>. All trays are adjustable and can print on sizes up to A3 to provide exceptional flexibility.
- Expand your media options with support for a wide variety of media types, including envelopes, labels, transparencies, and card stock. Print on a broad range of media sizes. Optional two-sided printing helps reduce the cost of wasted paper with less effort, and virtually doubles the MFP's input capacity.<sup>4</sup>
- Conserve office space with HP LaserJet Pro MFP M435nw's unobtrusive footprint. With a multipurpose tray that faces forward rather than to the side, this MFP does not require extra space for side-access. It fits easily wherever you need—close at hand or out of the way, it will be right at home anywhere you choose to put it.

## Take control— tap, touch, done

Respond to fast-changing demands. Control jobs with a simple tap on the 3-inch colour touchscreen and finish in fewer steps. Easily copy two sides to one with the two-sided ID copy setting. Make your business look its best with professional-quality documents.

### Easy control at your fingertips

The bright 3-inch colour graphic touchscreen 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.



Easy-access USB

### Walk up and print using the easy-access USB port

The MFP includes a convenient walk-up USB port to print files directly from your flash drive. Access saved documents or photos and print them quickly. Use the picture preview function to view JPGs before printing. You can also scan files directly to the USB drive without a computer.



Copy

### Copy with fewer steps

The device may be used as a standalone, walk-up copier—you do not need to be connected to the network or a computer to make copies. You can adjust all copy settings at the control panel, including 11 different adjustment settings for contrast and lightness/darkness of reproduction, reduction or enlargement from 25 to 400 percent, and copy optimisation, 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.



Easy ID copy

### Print your best

Achieve outstanding printing results thanks to the exceptional reliability and consistency of Original HP toner cartridges. The toner cartridge, toner, and imaging drum are integrated into one supply, which means that you refresh the imaging system every time you insert a new cartridge. And get the most from this MFP's outstanding 1200 by 1200 print resolution with toner that produces crisp, clear text and images every time.

The HP LaserJet Pro MFP M435nw features a front door that offers an easy access point to replace HP printing supplies and a rear door to clear paper jams. Clearly labelled parts, easy-to-understand instructions, and cartridge status information from the control panel or HP device management tools make supplies management and troubleshooting easy for all users.



# Scan, send, save—simple

Save time and keep business information flowing smoothly with this feature-rich, easy to manage MFP. Scan hard copies into easily shareable and storable digital files that can go directly to the cloud, USB, email, or networked folders.<sup>1</sup>



Scan to folder



Scan to email



Scan to the cloud

## Simplify your workflow

Efficiency is always within reach. Access and print web content quickly, plus scan directly to network folders, USB, email, and online storage sites like Google™ Cloud or Dropbox—straight from the touchscreen.<sup>1</sup> Set-up wizards help you configure your MFP's digital sending features. These scan features help you:

- **Save time and resources**—Forget the old way of scanning, when you'd need to first scan a document to your PC, then send it as an attachment via email from your computer, upload it to the cloud from your computer, or move it to a network folder. Now you can scan straight to your desired destination. And there's nothing to print, so these features cut down on paper and toner usage.
- **Save space and help increase security**—No need to keep hard copies of sensitive documents. You don't have to worry about losing important documents or using up valuable space with a filing cabinet.
- **Get instant access**—Create an instant digital copy of what you scan, from invoices to estimates to contracts. Provide immediate access to scanned documents for others on your network, if you choose.
- **Scan with flying colours**—Preserve the appeal of full-colour documents and photos. Colour scanning comes standard on all HP MFPs. 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.

## 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.

The HP Universal Print Driver (UPD) provides a versatile single-driver solution for nearly every HP device in your managed printing environment—including the HP LaserJet Pro MFP M435nw. The UPD now supports end-to-end encrypted printing, so you can help keep sensitive information private.<sup>5</sup> It's also localised in more than 30 languages.

This MFP is also supported by HP Web Jetadmin, HP's fleet management tool, for remote monitoring. HP's Web Jetadmin is a single solution that allows you to efficiently manage a wide variety of networked and PC-connected devices—ultimately increasing business productivity by helping you save time, control costs, protect your assets, and provide better return on your investment.<sup>6</sup>

## Fleet-level protection



**Safeguard your fleet of HP devices with the solution Buyer's Lab, Inc. calls trailblazing—HP Imaging and Printing Security Center<sup>12</sup>**

**Rely on “the industry’s first policy-based imaging and printing compliance solution”**

Use optional HP Imaging and Printing Security Center (HP IPSC), the award-winning, policy-based solution that helps you increase security, strengthen compliance, and reduce risk across your imaging and printing fleet.

- Streamline the process to securely deploy and monitor devices by applying a single security policy across the fleet.
- Easily achieve baseline security with the HP Best Practices Base Policy—no security expertise required.
- Actively maintain and verify compliance with your defined security policies by using HP IPSC automated monitoring and risk-based reporting.

To learn more about HP Imaging and Printing Security Center or to obtain a free 60-day trial, please visit [hp.com/go/ipsc](http://hp.com/go/ipsc).

## Enjoy peace of mind with legendary HP reliability



Maximise uptime

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 onsite warranty with 24-hour, 7 days-a-week phone support. (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.

### 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 LaserJet Pro MFP M435nw,<sup>13</sup> including:

- Next business day onsite service (3-year and 1-year post warranty options)
- Next business day with Defective Media Retention onsite service (3-year and 1-year post-warranty options)
- Same day, four-hour 9x5 onsite service (3-year and 1-year post-warranty options)
- Same day, four-hour 13x5 onsite service (3-year and 1-year post-warranty options)

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 organisation, 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 have the benefit of not having stacks of paper everywhere or requiring as much storage space.



Optional two-sided printing

### Reduce cartridge waste and save paper

Get up to 50% paper savings by adding optional automatic two-sided printing.<sup>4</sup> In managed print environments, HP Web Jetadmin can help cut the cost of paper consumption by setting automatic two-sided printing as the default for individual devices or entire fleets.<sup>6</sup>

### Conserve power without sacrificing performance

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

- **ENERGY STAR® certified 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>7</sup>
- **Schedule On and Off technology**—Stay on schedule and save energy by setting times for your MFP to turn on and off.
- **Instant-on Technology**—HP LaserJet products with Instant-on Technology use an innovative, quick-heating fuser system that warms rapidly and cools quickly. The MFP's scanner requires no warm-up time.<sup>14</sup>
- **HP EcoSMART Console**—Accessed through the MFP's embedded web server, HP EcoSMART Console lets you easily control sleep and power down modes to create a customised energy experience that's just right for you and your business.



Auto-On/Auto-Off Technology

### Reduce your impact—recycle HP cartridges

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>8</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

<b>Functions</b>	Print, scan, and copy
<b>Advanced features</b>	HP ePrint, Apple AirPrint™, Wireless Direct printing, HP Auto-On/Auto-Off Technology, Schedule On and Off technology, Instant-On Technology, Front-facing USB printing
<b>Control panel</b>	3.0 in intuitive touchscreen control panel with colour graphic display; buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error, Wireless)
<b>Print speed<sup>10</sup></b>	Up to 31 ppm, A4/ letter; up to 15 ppm, A3/tabloid Duplex <sup>4</sup> : up to 22 ipm
<b>First page out<sup>11</sup></b>	As fast as 10 seconds from ready (A4/letter)
<b>Print resolution</b>	HP ProRes 1200 (1200 x 1200 dpi), HP FastRes1200 (600 x 600 dpi)
<b>Print features</b>	Print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, job separator
Print from walk-up USB	File formats: PDF, JPG
Two-sided printing	Manual (driver support provided); Automatic with optional duplexer <sup>4</sup>
<b>Scan features</b>	
Scan resolution	Flatbed: Up to 1200 x 1200 dpi (colour/mono); Enhanced: Up to 1200 dpi; Optical: Up to 1200 x 1200 dpi
Bit depth	24-bit
Grayscale levels	256
TWAIN version	HP TWAIN v1.9
File formats	PDF, JPEG, PNG
Scan input modes	Front-panel scan, copy buttons; HP Scan software; user application via TWAIN
<b>Copy features</b>	
Copy speed <sup>15</sup>	Up to 30 copies per minute (cpm) (A4 and letter)
Copy resolution	Up to 300 x 300 dpi
Copier settings	Up to 99 copies; copy number; reduce/enlarge (25 to 400%); ID copy; multi-page; collation; optimise; 2-sides; contrast Copier Smart Software features: Expanded contrast adjustments (11 different settings); scale from one paper size to another (letter>A4)
<b>Processor and memory</b>	750 MHz, 256 MB NAND RAM, 256 MB DDR3 RAM
<b>Durability ratings</b>	
RMPV (recommended monthly page volume) <sup>16</sup>	4,000 pages to as high as 8,000 pages
Duty cycle <sup>17</sup>	Up to 65,000 pages (A4/letter)
<b>Media specifications</b>	
Input capacities	Paper capacity: up to 350 sheets standard; up to 850 sheets with optional tray 3 Multipurpose tray 1: up to 100 sheets; up to 10 envelopes Tray 2: up to 250 sheets
Output media handling	250-sheet output bin
Media sizes	Multipurpose tray (tray 1): A3, A4, A5, B4, B5 (JIS), executive, legal, letter, 16k, 11 x 17, 8.5 x 13, Envelope (monarch, B5, C5, DL, #10), postcard (JIS), DPostcard (JIS), custom media sizes: 76 x 127 to 216 x 356 mm (3 x 5 to 8.5 x 14 in) Tray 2 and optional tray 3: A3, A4, A5, B4 (JIS), B5 (JIS), executive, letter, legal, 16k, 11 x 17, 8.5 x 13; custom media sizes: 148 x 210 to 297 x 431.8 mm (5.8 x 8.3 to 11.7 x 17 in)
Media weights	Multipurpose tray (tray 1): 60 to 199 g/m <sup>2</sup> (16 to 53 lb bond) Tray 2 and optional tray 3: 60 to 120 g/m <sup>2</sup> (16 to 32 lb bond)
Media types	Paper (coloured, letterhead, light, plain, reprinted, prepunched, recycled, rough, heavy), bond, cardstock, envelope, labels, transparency, vellum
<b>Connectivity</b>	1 Hi-Speed USB 2.0 Device, 1 Hi-Speed USB 2.0 Host, 1 Fast Ethernet 10/100 Base-TX, 1 Wireless 802.11b/g/n

<b>Print languages</b>	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation
<b>Fonts</b>	PCL 84 fonts, PCL 6 84 fonts, Postscript 83 fonts
<b>Printer management</b>	Windows: HP Device Toolbox, Status Alerts (default install), SNP Alerts (minimum network install), HP Web Jetadmin (free download) Mac: HP Utility
<b>Network protocols</b>	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: SNMPv1/2/3, HTTP
<b>Security management</b>	SNMP v3, SSL/TLS (HTTPS), 802.1x authentication, password protection, WPA (Wi-Fi Protected Access), WEP encryption, 802.1x authentication
<b>Compatible operating systems</b>	Full software installs supported on: Windows 8 32-bit and 64-bit, 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: Windows Server 2008 32-bit and 64-bit, Windows Server 2003 32-bit (SP3 or higher) Mac OS X 10.6, OS X Lion, OS X Mountain Lion Linux Linux (9.4, 9.5), Red Hat Enterprise Linux 5.0 (supported with a pre-built package); SUSE Linux (10.3, 11.0, 11, 11.1, 11.2), Fedora (9, 9.0, 10, 10.0, 11.0, 11, 12, 12.0), Ubuntu (8.04, 8.04.1, 8.04.2, 8.10, 9.04, 9.10, 10.04), Debian (5.0, 5.0.1, 5.0.2, 5.0.3) (supported by the automatic installer); HP-UX 11 and Solaris 8/9
<b>System requirements, PC</b>	Windows 7 (32-bit/64-bit), Windows Vista (32-bit/64-bit): 1 GHz 32-bit (x86) or 64-bit (x64) processor, 1 GB RAM (32-bit) or 2 GB RAM (64-bit), 400 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port Windows XP (32-bit) SP2: Pentium® 233 MHz processor, 512 MB RAM, 400 MB free hard disk space, CD/DVD-ROM or Internet USB or Network port
<b>System requirements, Mac</b>	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: <sup>18</sup> 530 x 455 x 418 mm (20.9 x 17.9 x 16.5 in) Maximum: 530 x 840 x 418 mm (20.9 x 33.1 x 16.5 in)
<b>Weight<sup>19</sup></b>	22 kg (48.5 lb)
<b>What's in the box</b>	HP LaserJet Pro M435nw, HP Black LaserJet Cartridge (~12,000 pages), printer documentation and software on CDs (Windows/Mac OS installation CD and ReadIris CD including OCR software), installation guide, support flyer, warranty card, power cord, USB cable
<b>Software included</b>	Windows: HP Installer/Uninstaller, HP PCL 6 print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, Status Alerts, HP Update, DXP, ReadIris Software Mac: HP Installer/Uninstaller, HP Postscript driver, HP Scan, HP Setup Assistant, HP Utility, HP Alerts, HP Firmware Updater, ReadIris Software
<b>Downloadable software</b>	Windows Full Software Solution; HP Universal Print Drivers; HP PrintView; HP EcoPrint Console; HP ePrint Mobile Driver; Mac Software Solution; Linux Software Solution; UNIX® Print Driver Recent printer drivers for all supported operating systems are available at <a href="http://hp.com/go/support">hp.com/go/support</a> .
<b>Warranty</b>	One-year, onsite limited warranty (for web support, visit: <a href="http://hp.com/support/ljMFPM435nw">hp.com/support/ljMFPM435nw</a> )

## Environmental and power specifications

<b>Environmental ranges</b>	
Temperatures	Operating: 10 to 32.5° C (50 to 90.5° F); Storage: 0 to 35°C (32 to 95° F); Recommended: 17 to 25° C (62.6 to 77° F)
Relative humidity range	Operating: 10 to 80% RH; Non-operating: 10 to 90% RH; Recommended: 30 to 70% RH
<b>Acoustic power emissions<sup>20</sup></b>	Ready mode: Inaudible; Active printing: 6.6 B(A)
<b>Acoustic pressure emissions (bystander)<sup>20</sup></b>	Ready mode: Inaudible; Active printing: 52 dB(A)
<b>Power specifications<sup>21</sup></b>	
Power supply required	ENERGY STAR® certified
Power consumption	Input voltage: 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz)
Typical Electricity Consumption (TEC)	700 watts (printing), 12.5 watts (ready), 3.9 watts (sleep), 0.2 watts (off)
Energy-saving features	2.149 kWh/Week
	HP Auto-On/Auto-Off technology <sup>7</sup>
<b>Environmental specifications</b>	Mercury free
<b>Safety and regulatory compliance</b>	IEC 60950-1+A1 (International); EN 60950-1+A11+A1+A12 (EU); IEC 60825-1, GS License (Europe); EN 60825-1 (Class 1 Laser/LED Device); Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries
<b>Electromagnetic emission standard</b>	CISPR 22: 2008/EN 55022: 2010 Class A, EN 61000-3-2: 2006 +A1:2009 +A2:2009, EN 61000-3-3:2008, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class A (USA), ICES-003, Issue 4, (Canada), GB9254-2008, GB17625.1-2003, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries
<b>Telecom Compliance Certification</b>	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

# 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>MFP</b>	HP LaserJet Pro MFP M435nw	A3E42A
<b>Replacement toner cartridges</b>	HP 92A Black LaserJet Toner Cartridge	CZ192A
<b>Accessories</b>	HP LaserJet 500 Paper Feeder Tray	A3E47A
	HP LaserJet Duplex Printing Accessory	A3E46A
	HP USB Cable	C6518A
<b>HP Care Pack Services<sup>22</sup></b> Select the right HP Care Pack Service for your scanner at <a href="http://hp.com/go/cpc">hp.com/go/cpc</a>	3 year Next Business Day LaserJet Pro M435 MFP Hardware Support	U6Z59A/E
	3 year 4 hour 9x5 LaserJet Pro M435 MFP Hardware Support	U6Z61E
	3 year 4 hour 13x5 LaserJet Pro M435 MFP Hardware Support	U6Z62E
	3 year Next Business Day + DMR LaserJet Pro M435 MFP Support	U6Z65E
	1 year Post Warranty Next Business Day + DMR LaserJet Pro M435 MFP Support	U6Z67PE
	1 year Post Warranty 4 hour 9x5 LaserJet Pro M435 MFP Support	U6Z68PE
	1 year Post Warranty 4 hour 13x5 LaserJet Pro M435 MFP Support	U6Z69PE
	1 year Post Warranty Next Business Day LaserJet Pro M435 MFP Hardware Support	U6Z70PA/PE
<b>Paper</b>	Asia: 65-6253-8500 Australia/New Zealand: 61-2997-2299 Europe: <a href="http://hp.com/go/learnaboutequipment">hp.com/go/learnaboutequipment</a>	
<b>Solutions</b>	HP Web Jetadmin: <a href="http://hp.com/go/wja">hp.com/go/wja</a> HP Universal Print Driver: <a href="http://hp.com/go/upd">hp.com/go/upd</a> HP Imaging and Printing Security Center: <a href="http://hp.com/go/ipsc">hp.com/go/ipsc</a>	

## Contact information

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Web address: [hp.com](http://hp.com)

### Contact HP by country:

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

HP Shopping (for U.S. only)

[hpshopping.com](http://hpshopping.com) or 1-888-999-4747

## Notes

- <sup>1</sup> Requires a wireless access point and an Internet connection to the printer. Services may require registration. Availability varies by country, language, and agreements, and requires firmware upgrade. For details see [hp.com/go/eprintcenter](http://hp.com/go/eprintcenter).
- <sup>2</sup> Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.
- <sup>3</sup> 500-sheet tray 3 not included; please purchase separately.
- <sup>4</sup> Automatic duplexer not included; please purchase separately.
- <sup>5</sup> HP Universal Print Driver is free and can be downloaded at [hp.com/go/upd](http://hp.com/go/upd).
- <sup>6</sup> HP Web Jetadmin is free and can be downloaded at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin).
- <sup>7</sup> HP Auto-On and Auto-Off Technology subject to printer and settings.
- <sup>8</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>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> 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>11</sup> Exact speed varies depending on the system configurations, software application, driver and document complexity.
- <sup>12</sup> Buyers Laboratory LLC Outstanding Achievement in Security Solutions award, March, 2013. For details, see [hp.com/large/ipq/gateway/security\\_center](http://hp.com/large/ipq/gateway/security_center).
- <sup>13</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>14</sup> Instant-on Technology claim based on comparison with products that use traditional fusing. Instant-on Copy claim based on comparison with cold cathode fluorescent lamp (CCFL) copying.
- <sup>15</sup> 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](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>16</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device.
- <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> Without tray open, without output bin paper stopper extended, without Duplexer and Optional tray.
- <sup>19</sup> Without print cartridge.
- <sup>20</sup> Acoustic values are subject to change. For current information see [hp.com/support/ljMFPM435nw](http://hp.com/support/ljMFPM435nw). Configuration tested: base model, print mono simplex using A4 paper printing at 31 ppm.
- <sup>21</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. Values subject to change, see [hp.com/support/ljMFPM435nw](http://hp.com/support/ljMFPM435nw) for current information.
- <sup>22</sup> Service options in terms of availability, response times, and business hours coverage can vary by country. For additional information visit [hp.com/services/carepack](http://hp.com/services/carepack).

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