

# HP LaserJet MFP M234sdw Printer



Super productive. Super compact – with reliable wireless.

Get wireless two-sided printing,<sup>1</sup> smart setup and mobility solutions,<sup>2</sup> and MFP productivity.

A high-productivity MFP with the fastest two-sided printing in its class,<sup>2</sup> an automatic feeder, and the time-saving HP Smart app.<sup>6,7</sup> Count on peace of mind from more reliable connections,<sup>1</sup> and a worry-free experience with simplified setup.



This printer is intended to work only with cartridges that have new or reused HP electronic circuitry, and it uses dynamic security measures to block cartridges using modified or non-HP circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP electronic circuitry enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

**Print Speed:** Up to 30 ppm black; First Page Out: As fast as 6.9 sec black  
**Print Resolution:** Black (best): Up to 600 x 600 dpi  
**Scan Resolution:** Hardware: 600 x 1200 dpi; Optical: Up to 600 dpi  
**Copy Resolution:** Black (text & graphics): Up to 600 x 600 dpi  
**Standard Connectivity:** 1 Hi-Speed USB 2.0; 1 Fast Ethernet  
 10/100Base-TX; 1 Dual-band (2.4/5.0GHz) Wireless 802.11b/g/n with Bluetooth® Low Energy  
**Mobile Printing Capability:** Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing  
**Duty cycle:** Monthly (letter): Up to 20,000 pages  
**Display:** 1.6" Icon LCD  
**Paper Handling:** 150-sheet input tray; 100-sheet output tray

## Built for fast and reliable printing

- Deliver multipage documents in a flash with the fastest two-sided printing in class.<sup>10</sup>
- Rely on consistent, high-quality prints page after page. Get the quality you expect from an industry leader.
- Get better range and faster, more reliable connections using dual-band Wi-Fi™ with self-reset.<sup>1</sup>
- Easily handle large print jobs, and save time with automatic scanning and copying. Breeze through scan and copy tasks, using the automatic document feeder.
- Easily share resources – access and print with wireless and Ethernet networking.<sup>1</sup>

## Stay productive from anywhere

- Get high-quality scanning and printing from your phone, plus time-saving features with the easiest-to-use HP app.<sup>3,5</sup>
- Quickly access and print documents and images on your smartphone, even from Dropbox and Google Drive, using the HP app.<sup>2</sup>
- Eliminate steps in repetitive tasks with Shortcuts. Scan to the cloud, email, and more in just a tap.<sup>2</sup>

## Easy to set up, easy to use

- Get started fast with easy setup guidance from the HP app.<sup>2</sup> Quickly setup and get back to business.
- Easily manage tasks with smart-guided buttons for an intuitive experience – buttons appear only when needed.
- Help protect the information that matters most. Get security essentials to help maintain privacy and control.

## Compact and energy efficient design

- Save space without sacrificing performance with an award-winning, compact design.<sup>4</sup>
- Optimize printer energy usage with HP Auto-On/Auto-Off technology.<sup>6</sup>
- Easily recycle your used Original HP Toner Cartridges for free through the HP Planet Partners program.<sup>7</sup>
- This HP LaserJet meets ecolabel requirements, including ENERGY STAR® and Blue Angel.<sup>8,9</sup>



<sup>1</sup> Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs. only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 Mbps) v. 2.4 GHz band (up to 72.2 Mbps). Learn more at: <https://www.hp.com/go/mobileprinting>. Requires HP app download available at <https://www.hp.com/go/mobileprinting>. Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce changes for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only. List of supported operating systems available in app stores. See details at <https://www.hp.com/go/mobileprinting>.  
<sup>2</sup> Based on internal HP testing. Average timing estimate based on: 1) downloaded HP app on mobile or desktop device, 2) setting up Shortcuts, 3) scanning jobs which have more than 2-3 tasks associated with them (scan to email, save and rename, store to cloud, etc.). Average timing savings comparison based on using printer and desktop scan software to complete similar scanning tasks. Requires the HP app download and supported HP printer. For details on local printing requirements see <https://www.hp.com/go/mobileprinting>.  
<sup>3</sup> <https://www.hp.com/go/mobileprinting>.  
<sup>4</sup> <https://www.hp.com/go/mobileprinting>.  
<sup>5</sup> <https://www.hp.com/go/mobileprinting>.  
<sup>6</sup> <https://www.hp.com/go/mobileprinting>.  
<sup>7</sup> <https://www.hp.com/go/mobileprinting>.  
<sup>8</sup> <https://www.hp.com/go/mobileprinting>.  
<sup>9</sup> <https://www.hp.com/go/mobileprinting>.  
<sup>10</sup> <https://www.hp.com/go/mobileprinting>.  
 This HP printing system is awarded the Blue Angel according to DE-UZ 219 in commercial use for the following 33 countries: Germany, Austria, Switzerland, France, United Kingdom, Ireland, Sweden, Denmark, Finland, Norway, Belgium, Netherlands, Luxembourg, Italy, Spain, Portugal, Poland, Czech Republic, Slovakia, Slovenia, Hungary, Croatia, Romania, Bulgaria, Greece, Estonia, Latvia, Lithuania, Serbia, Turkey, Israel, Morocco, South Africa.

HP LaserJet MFP M234sdw Printer Technical specifications

Functions	Print, copy, scan
Print speed black <sup>11, 9, 10</sup>	<b>First page out:</b> As fast as 6.9 sec; <b>Letter:</b> Up to 30 ppm; <b>2-sided Letter:</b> Up to 19 ipm; <b>Print speed (Landscape, A5):</b> Up to 29 ppm
Print resolution	<b>Black (best):</b> Up to 600 x 600 dpi
Print technology	Laser
Print cartridges number	1 (black)
Standard print languages	PCLmS; URF; PWG
Printer smart software features <sup>1,2</sup>	Automatic duplex printing, HP Auto-On/Auto-Off <sup>1</sup> , HP Smart App <sup>2</sup>
Printer management	HP Printer Assistant (UDC); HP Device Toolbox
Scan speed <sup>16</sup>	Up to 20 ppm (b&w), up to 11 ppm (color)
Scan type	Flatbed, ADF
Scan resolution	<b>Hardware:</b> 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi
Scan file format	JPEG, TIF, PDF, BMP, PNG
Scan input modes	HP Smart App; and user applications via Twain
Scan size maximum	8.5 x 14 in / 216 x 356 mm <b>Flatbed:</b> 8.5 x 11.7 in / 216 x 297 mm
Bit depth / Grayscale levels	24-bit/256
Copy speed black <sup>7</sup>	<b>Copy speed:</b> Up to 30 cpm; <b>First copy out:</b> As fast as 7.7 sec; <b>Copy speed Duplex:</b> Up to 19 cpm
Copy resolution	<b>Black (text and graphics):</b> Up to 600 x 600 dpi
Maximum number of copies	Up to 99 copies
Copier settings	Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type. It supports collation and single-sided on ADF bundles.
Copier resize	25 to 400%
Standard connectivity	1 Gigabit Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed USB 2.0 (device); Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz
Network capabilities	1 Ethernet 10/100Base-TX; 1 built-in Wi-Fi 802.11b/g/n
Wireless capability	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability <sup>14</sup>	Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing
Memory	<b>Standard:</b> 64 MB; <b>Maximum:</b> 64 MB
Processor speed	500 MHz
Hard disk	No
Duty cycle <sup>12</sup>	<b>Monthly, A4:</b> Up to 20,000 pages
Recommended monthly page volume <sup>13</sup>	200 to 2,000
Paper handling	<b>Input Capacities:</b> Up to 150 sheets ; Up to 10 envelopes <b>Auto Document Feeder:</b> Standard, 40 sheets <b>Output Capacities:</b> Up to 100 sheets; Up to 10 envelopes <b>Duplex Options:</b> Auto-duplex <b>Envelope feeder:</b> NA <b>Standard paper trays:</b> 1
Media types supported	Paper (laser, plain, rough, vellum), Envelopes, Labels, Cardstock, Postcard
Media weight supported	16 to 43 lb
Media sizes supported	Letter, Legal, Executive, Envelopes
Media Sizes Custom	4 x 6 to 8.5 x 14 in
Product dimensions	<b>W x d x h:</b> 16.46 x 12.13 x 11.59 in / 418.0 x 308.0 x 294.4 mm; <b>Maximum:</b> 16.46 x 18.41 x 17.83 in / 418.0 x 467.6 x 452.8 mm
Product weight	20.95 lb / 9.5 kg
What's in the box <sup>4</sup>	6X01F HP LaserJet MFP M234sdw Printer; HP Black Laser Jet Toner Cartridge (~700 page); Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord

Page yield (set-up/inbox cartridges) <sup>5</sup>	M234/M235/M236/M237: In box cartridge yields ~700 black pages based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see: <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a> . Pages may vary based on customer printing conditions and usage. M233/M232: In box cartridge yields ~1150 black pages based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see: <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a> . Pages may vary based on customer printing conditions and usage.
Replacement supplies <sup>5</sup>	HP 134A Black LaserJet Toner Cartridge, W1340A (~1100), HP 134X Black LaserJet Toner Cartridge, W1340X (~2400)
Warranty features	One-year limited warranty
Ecolabels	Blue Angel; ENERGY STAR® certified
Energy star certified	Yes
Blue Angel Compliance	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Sustainable impact specifications	Mercury free
Control panel	Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)
Display description	1.6" Icon LCD
Software included	Downloadable Software from <a href="http://hp.com">hp.com</a> or <a href="http://123.hp.com">123.hp.com</a> ; #CD include HP Software Installer, Uninstaller, printer driver and other essential tools
Compatible operating systems <sup>17</sup>	Windows 11; Windows 10; Windows 8; Windows 8.1; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; macOS 15 Sequoia; Linux
Compatible network operating systems	Windows 11; Windows Server; macOS 15 Sequoia; Linux
Minimum system requirements	<b>PC:</b> Microsoft® Windows® 10, 8.1, 8, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer.; <b>Mac:</b> Apple® macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Power <sup>3, 15</sup>	<b>Power supply type:</b> Built-in 110V or 200V Power Supply; <b>Power requirements:</b> 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 4.8 A; <b>Power consumption:</b> 453 watts (active printing), 3.3 watts (ready), 0.6 watts (sleep), 0.6 watts (Auto Off/Wake on LAN, enabled at shipment), 0.04 watts (Auto-off/Manual-on), 0.04 (Manual Off); <b>Typical electricity consumption (TEC) number<sup>15</sup>:</b> 0.256 kWh/Week (Energy Star); 0.684 kWh/Week (Blue Angel)
Acoustics <sup>8</sup>	<b>Acoustic power emissions:</b> 6.6 B(A)
Operating environment	<b>Operating temperature range:</b> 59 to 90.5°F / 15 to 32.5°C; <b>Recommended operating temperature:</b> 63.5 to 77°F / 17.5 to 25°C; <b>Storage temperature range:</b> -4 to 140°F / -20 to 60°C; <b>Non-operating humidity range:</b> 10 to 90% RH; <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended humidity operating range:</b> 30 to 70% RH
HP Service and Support options	U6M41E - HP 2y Onsite Exchange LJ M SVC; U6M42E - HP 3y Onsite Exchange LJ M SVC; U6M43E - HP 4y Onsite Exchange LJ M SVC; UQ220E - HP 2y NBD Advance Exchange LJ M SVC; UQ221E - HP 3y NBD Advance Exchange LJ M SVC; UQ222E - HP 4y NBD Advance Exchange LJ M SVC
Security management	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; TLS 1.0/1.1 disabled by default; Update to OpenSSL version 1.1.1; enable/disable Network ports; SNMPv1, SNMPv2, and SNMPv3, community password change; Secure defaults, Encrypted data at rest, Active FW update, Admin password by default, Cipher & TLS selection; Account lockout; Secure Wi-Fi setup
Country of origin	Made in Vietnam

Learn more at [hp.com](http://hp.com)

<sup>1</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. <sup>2</sup> Requires the HP Smart app download. For details on local printing requirements see [www.hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting). Certain features/software are available in English language only, and differ between desktop and mobile applications. Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores. Fax capabilities are for sending a fax only, and may require additional purchase. For more information, see: [www.hpsmart.com/mobile-fax](http://www.hpsmart.com/mobile-fax) <sup>3</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. Power consumption values typically based on measurement of 115V device. <sup>4</sup> For yield information on the cartridge included with your printer, see <http://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. <sup>5</sup> Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/toneryield> <sup>6</sup> Approximate yield. Actual yield depends on printer and specific use. See <http://www.hp.com/go/pageyield> for more information. <sup>7</sup> First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, excludes first set of test documents. For more information see <https://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application and document complexity. <sup>8</sup> Configuration tested: simplex printing, A4 paper at an average of 27ppm <sup>9</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <https://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>10</sup> Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>11</sup> Measured using ISO/IEC 17629. For more information see <https://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>12</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>13</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>14</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Apple Airprint - Mobile device must have AirPrint®. Wi-Fi Direct® printing- Feature is supported on select printers. Mobile device needs to be connected directly to the signal of a Wi-Fi Direct® supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®. The Mopria® Logo is a registered and/or unregistered trademark of Mopria Alliance, Inc. in the United States and other countries, unauthorised use is strictly prohibited. Requires the HP app download. For details on local printing requirements see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Certain features/software are available in English language only, and differ between desktop and mobile applications. Internet access required and must be purchased separately. HP account required for full functionality. Fax capabilities are for sending a fax only, and may require additional purchase. For more information, see: [hpsmart.com/mobile-fax](http://hpsmart.com/mobile-fax) <sup>15</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. Energy Star value typically based on measurement of 115V device. <sup>16</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. <sup>17</sup> Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit) Full solution software available only for Windows 10 and newer; For Windows Server 2016 64-bit only print driver is installed; Linux systems use in-OS HPLIP software

