



# HP LaserJet MFP M234sdw Printer

A high-productivity MFP with the fastest two-sided printing in its class,<sup>2</sup> an automatic feeder, and the time-saving HP 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>

## Work fast. Work smart.

Speed through multipage documents with the fastest in-class two-sided printing speed.<sup>2</sup>

You can fit this LaserJet almost anywhere – it's that small and compact. Get projects done quickly with a printer that fits almost anywhere.

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>4</sup>

## Stay productive from anywhere

Get high-quality scanning, and share to Dropbox, Google Drive, email, or the cloud – from virtually anywhere – with HP app.<sup>6</sup>

Quickly access and print documents and images on your smartphone, from Dropbox and Google Drive, using HP app.<sup>6</sup>

With HP app, you can stay connected to your printer from virtually anywhere.<sup>6</sup> Get notifications when printing, scanning, or copying from your smartphone.<sup>6</sup>

## Easy to set up, easy to use

Get started fast with easy setup that guides you, step by step. Simply download the HP app, connect to a network, and share your printer across all your devices.<sup>6</sup>

Easily manage tasks with smart-guided buttons for an intuitive experience – buttons appear only when needed.

This surprisingly small laser delivers exceptional quality, page after page.

Get security essentials to help maintain privacy and control, including basic encryption and password protection.

## Help make a positive impact on the environment

Help save energy with a LaserJet that uses up to 20% less energy than previous model.

Help save energy with HP Auto-On/Auto-Off Technology – intelligence that can turn your printer on when you need it and off when you don't.<sup>8</sup>

HP FSC®-certified paper is sustainably sourced from responsibly managed, renewable forest sources, which helps stop deforestation and protect wildlife.

## Product walkaround

### HP LaserJet MFP M234sdw Printer

1. 40-sheet auto document feeder<sup>6</sup>
2. HP app
3. ICON LCD with Smart, contextual UI
4. Flatbed scanner with ID copy
5. USB, Ethernet, dual-band Wi-Fi with self-reset<sup>1</sup>
6. 100-sheet output tray
7. Fastest two-sided printing: Duplex: 18 ipm A4<sup>2,3</sup>
8. Simplex: 29 ppm A4<sup>2</sup>
9. 150-sheet enclosed input tray
10. Enclosed input tray



## Accessories, Supplies and Support

<b>Supplies</b>	<b>W1340A</b> HP 134A Black Original LaserJet Toner Cartridge (~1,100 pages)
	<b>W1340X</b> HP 134X High Yield Black Original LaserJet Toner Cartridge (~2,400 pages)
<b>Service and Support</b>	<b>UH757E</b> HP 3 year Care Pack w/Next Day Exchange for LaserJet Printers
	<b>UH773E</b> HP 3 year Care Pack w/Onsite Exchange for LaserJet Printers
	<b>UH764E</b> HP 3 year Care Pack w/Return Consumer LaserJet - E Svc
	<b>U6N05E</b> HP Installation with Networking Service for Consumer Printer

<sup>1</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). Wi-Fi is a registered trademark of Wi-Fi Alliance®. 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) vs 2.4 GHz band (up to 72.2 mbps). Internet access required and must be purchased separately.

<sup>2</sup> Compared to in-class monochrome laser printers and MFPs less than \$240 USD or 203€ for single-function or less than \$340 USD or 288€ for multifunction, all with a published max monthly duty cycle of 20,000 pages or lower. Buyers Lab August 2020 study commissioned by HP, based on a research survey OEM published specifications publicly available information as of August 4, 2020. Market share as reported by IDC Quarterly Hardcopy Peripherals Tracker – Final Historical 2020Q1 Worldwide. For details, please see [keypointintelligence.com/HPFastestDuplex](http://keypointintelligence.com/HPFastestDuplex).

<sup>3</sup> Print speed in pages per minute (ppm). Printing speed measured using ISO/IEC 24734 and 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> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, host OS, port-monitor, software application, driver, and document complexity.

<sup>5</sup> 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. Instant Ink subscription may be required. Instant Ink not available in all countries. See details at [hprintplans.com](http://hprintplans.com). 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 [hpsmart.com/mobile-fax](http://hpsmart.com/mobile-fax).

<sup>6</sup> Available only on the M234sdw model.

## Technical specifications

<b>Model</b>	HP LaserJet MFP M234sdw Printer
<b>Product number</b>	6GX01F
<b>Functions</b>	Print, copy, scan
<b>Control panel</b>	Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)
<b>Print</b>	
Print technology	Laser
Print speed <sup>7</sup>	<b>Black (A4, normal):</b> Up to 29 ppm ; <b>Black (A4, duplex):</b> Up to 18 ipm
First page out <sup>8</sup>	<b>Black (A4, ready):</b> As fast as 7 sec ; <b>Black (A4, sleep):</b> As fast as 7.6 sec
Print resolution	<b>Black (best):</b> Up to 600 x 600 dpi
Monthly duty cycle	Up to 20,000 pages A4; <b>Recommended monthly page volume:</b> 200 to 2,000
Printer smart software features <sup>1,2</sup>	Automatic duplex printing, HP Auto-On/Auto-Off <sup>1</sup> , HP app <sup>2</sup>
Standard print languages	PCLm5; URF; PWG
Print area	<b>Print margins:</b> Top: 6 mm, Bottom: 6 mm, Left: 5 mm, Right: 5 mm; Maximum print area : 216 x 354 mm
Duplex printing	Auto-duplex
<b>Copy</b>	
Copy speed	<b>Black (A4):</b> Up to 29 cpm
Copier specifications	Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type. It supports collation and single-sided on ADF bundles.; <b>Maximum number of copies:</b> Up to 99 copies; <b>Reduce/Enlarge:</b> 25 to 400%
<b>Scan</b>	
Scan speed <sup>11</sup>	<b>Normal (A4):</b> Up to 19 ppm (b&w), up to 10 ppm (color)
Scan file format	JPEG, TIF, PDF, BMP, PNG
Scanner specifications	<b>Scanner type:</b> Flatbed, ADF; <b>Scan input modes:</b> HP app; and user applications via Twain; <b>Twain version:</b> Version 2.1; <b>Duplex ADF scanning:</b> No; <b>Optical scan resolution:</b> Up to 600 dpi
Recommended monthly scan volume	150 to 1500
Scannable area	<b>Maximum media size (flatbed):</b> 216 x 297 mm ; <b>Minimum media size (ADF):</b> 148 x 210 mm ; <b>Maximum media size (ADF):</b> 216 x 356 mm
Bit depth/ Grey scale levels	24-bit / 256
<b>Fax</b>	
Fax	No
<b>Processor speed</b>	500 MHz
<b>Connectivity</b>	
Standard	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
Mobile printing capability	Apple AirPrint™; Mopria™ certified; HP app; Wi-Fi® Direct Printing
Network capabilities	1 Ethernet 10/100Base-TX; 1 built-in Wi-Fi 802.11b/g/n
<b>Hard disk</b>	No
<b>Memory</b>	<b>Standard:</b> 64 MB ; <b>Maximum:</b> 64 MB
<b>Media handling</b>	
Number of paper trays	<b>Standard:</b> 1 ; <b>Maximum:</b> 1
Media types	Paper (base, plain, rough, vellum), Envelopes, Labels, Cardstock, Postcard
Media size	<b>Custom (metric):</b> 101.6 x 152.4 to 216 x 356 mm <b>Supported (metric):</b> A4; A5; A6; B5 (US) <b>ADF:</b> A4, A5, B4, B5, Letter, Legal
Media handling	<b>Standard input:</b> 150-sheet input tray <b>Standard output:</b> 100-sheet output tray
Media weight	60 to 163 g/m <sup>2</sup>
Input capacity	<b>Tray 1:</b> Sheets: 150; Envelopes: 10 <b>Maximum:</b> Up to 150 sheets <b>ADF:</b> Standard, 40 sheets
Output capacity	<b>Standard:</b> Up to 100 sheets <b>Envelopes:</b> Up to 10 envelopes <b>Maximum:</b> Up to 100 sheets
<b>Compatible operating systems</b>	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
<b>Compatible network operating systems</b>	Windows 11; Windows Server; macOS 15 Sequoia; Linux
<b>Minimum system requirements</b>	<b>Windows:</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
<b>Software included</b>	No CD in-box (expect Indonesia and China Gov); Downloadable Software from hp.com or 123.hp.com; #CD include HP Software Installer, Uninstaller, printer driver and other essential tools
<b>Security management</b>	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
<b>Printer management</b>	HP Printer Assistant (UDC); HP Device Toolbox
<b>Dimensions and weight</b>	
Printer dimensions (W x D x H)	<b>Minimum:</b> 418.0 x 308.0 x 294.4 mm; <b>Maximum:</b> 418.0 x 467.6 x 452.8 mm
Printer weight	9.5 kg
<b>Operating environment</b>	<b>Temperature:</b> 15 to 32.5°C <b>Humidity:</b> 30 to 70% RH
<b>Storage conditions</b>	<b>Temperature:</b> -20 to 60°C <b>Humidity:</b> 10 to 90% RH
<b>Acoustics</b>	<b>Acoustic power emissions:</b> 6.6 B(A) <b>Acoustic pressure emissions:</b> 51 dB(A)
<b>Power</b>	<b>Requirements:</b> 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 4.8 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 2.8 A. Not dual voltage, power supply varies by part number with # Option code identifier.; <b>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)</b> <sup>10</sup> : 0.256 kWh/Week (Energy Star); 0.684 kWh/Week (Blue Angel); <b>Power supply type:</b> Built-in 110V or 200V Power Supply
<b>Energy savings feature technology</b>	HP Auto-on/Auto-off Technology
<b>Certifications</b>	RCM (Australia), TÜV and GS Mark (Germany), BSMI (Taiwan), CCC (China), BIS (India), KC (South Korea), Malaysia, Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, UL, Paraguay, Indonesia, Singapore, Philippines, etc. <b>Electromagnetic emission standard:</b> CISPR32:2012 & CISPR32:2015 / EN55032:2012 & EN55032:2015 +A2:2016 - Class B; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 55035:2017; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 6. <b>Blue Angel;</b> ENERGY STAR® certified <b>Blue Angel compliant:</b> Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies <b>Telecom compliance:</b> Wireless: EU RED 2014/53/EU; EN 301 489-1 V2.2.3 / EN 301 489-17; V3.2.0; EN 300 328: V2.1.1 / EN301 893 V2.1.1; FCC Title 47 CFR, Part 15 Subpart C & E / RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; IEC 62311:2007 / EN62311:2008
<b>Sustainable impact specifications</b>	Mercury free
<b>Country of origin</b>	China(B19, BAZ, ABY, ABT); Vietnam(BGM, B19, BAZ, BGJ, ABY, ABT)
<b>What's in the box<sup>1</sup></b>	6GX01F HP LaserJet MFP M234sdw Printer; HP Black LaserJet Toner Cartridge (~700 page); Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord #234#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.
<b>Warranty</b>	One-year limited warranty
<b>Engine life</b>	20000

## Footnotes

- <sup>1</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). Wi-Fi is a registered trademark of Wi-Fi Alliance®. 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) vs 2.4 GHz band (up to 72.2 mbps). Internet access required and must be purchased separately.
- <sup>2</sup> Compared to in-class monochrome laser printers and MFPs less than \$210 USD or 220€ for single function or less than \$310 USD or 320€ for multifunction, all with a published maximum monthly duty cycle of 20,000 or lower. Buyers Lab September 2020 study commissioned by HP, based on a research survey OEM published specifications publicly available information as of 09/01/2020. Market share as reported by IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2020Q2 for North America and EMEA. For details: [www.keypointintelligence.com/HPFastestDuplex](http://www.keypointintelligence.com/HPFastestDuplex).
- <sup>3</sup> Wireless capabilities and 40-page automatic document feeder available only on selected models.
- <sup>4</sup> Wireless capabilities available only on M233dw and M233sdw models and 40-page automatic feeder available only on M233sdw and M233sdn models.
- <sup>5</sup> Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Details at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.
- <sup>6</sup> Requires the HP 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 <http://1123.hp.com>.
- <sup>7</sup> Based on internal HP testing. Average timing estimate based on: 1) downloaded HP app on mobile device, 2) setting up Shortcut, 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 [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Certain features/software are available in English language only.
- <sup>8</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
- <sup>9</sup> Available only on the M234sdw model.

## Technical specifications disclaimers

- <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 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: <http://1123.hp.com>.
- <sup>3</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>4</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>5</sup> Approximate yield. Actual yield depends on printer and specific use. See <https://www.hp.com/go/pageyield> for more information.
- <sup>6</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>7</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>8</sup> Measured using ISO/IEC 17629. 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>9</sup> Based on the Blue Angel TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
- <sup>10</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 115 V device.
- <sup>11</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

The product could differ from the images shown. © 2014 Hewlett-Packard Development Company, L.P. The Information contained herein is subject to change without notice. Warranties for HP products and services are set out in the express warranty statements accompanying such products and services. In addition, our products and services come with guarantees that cannot be excluded under the New Zealand Consumer Guarantees Act. Subject to the foregoing, nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

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