

# HP LaserJet MFP M234sdwe Printer with 6 months free toner through HP Plus



Get wireless two-sided printing,<sup>4</sup> smart mobility and MFP solutions,<sup>6</sup> and the benefits of HP+.

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> Get printing that gives you more.<sup>8</sup> Count on more reliable connections and a worry-free experience.<sup>1</sup>



This is an HP+ printer. It requires an HP account, connection to the internet, and exclusive use of Original HP Toner cartridges for the life of the printer. More at: Learn more at: [www.hp.com/plus-faq](http://www.hp.com/plus-faq)

**Print Speed:** Letter: 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 600; 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



## 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.

## Stay productive from anywhere

- Get started fast with easy setup that guides you, step by step. Simply download the HP Smart app, connect to Wi-Fi®, and share your printer across all your devices.<sup>6</sup>
- Get high-quality scanning, and share to Dropbox, Google Drive, email, or the cloud – from virtually anywhere – with HP Smart app.<sup>6</sup>
- Quickly access and print documents and images on your smartphone, from Dropbox and Google Drive, using HP Smart app.<sup>6</sup>

## HP+: Printing made brilliantly simple

- This HP+ printer comes with 6 months of free toner with HP Instant Ink<sup>8</sup> and 2 year extended HP warranty when you activate HP+ with an account and internet connection.
- 6 months of free toner with Instant Ink<sup>8</sup>: Enough to print up to 1500 pages a month and HP will automatically send new toner when you run low. Credit card needed to enroll. Cancel or change any time.
- After 6 months you can continue with HP Instant ink to get toner delivered automatically when you need it for up to 50% less<sup>11</sup>.
- This printer operates only with HP Original cartridges.

## Investing in forests with every print.<sup>12</sup>

- With HP+, your printer supports Forest First sustainable printing.<sup>12</sup>
- Help save energy with a LaserJet that uses up to 20% less energy than previous model.
- Print with the forest in mind. HP FSC®-certified paper is sustainably sourced from responsibly managed, renewable forest sources, which helps stop deforestation and protect wildlife.

<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 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-in-one and all-in-one with fax, monthly duty cycle of 20,000 or lower. Buyers to September 2020 study conducted by IDC. Market share as reported by IDC Quarterly Hardcopy Peripherals Tracker. Find Historical 2020 Q3 for more details at [www.idc.com/hpfastestDuplex](http://www.idc.com/hpfastestDuplex). <sup>4</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. LaserJet printer at [www.hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting). <sup>5</sup> HP+ is a registered trademark of Wi-Fi Alliance®. <sup>6</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. Instant Ink subscription may be required. Instant Ink not available in all countries. See details at [www.hptnrservice.com](http://www.hptnrservice.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 [www.hpsmart.com/mobile-fax](http://www.hpsmart.com/mobile-fax). <sup>7</sup> Based on internal HP testing. Average timing estimate based on: 1) downloaded HP Smart 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 is based on using printer and desktop scan software to complete similar scanning tasks. Requires the HP Smart app download and supported HP printer. 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. <sup>8</sup> Instant Ink is a monthly service that automatically sends new toner when you run low. Credit card required. See terms and conditions for more details. <sup>9</sup> Instant Ink is a monthly service that automatically sends new toner when you run low. Credit card required. See terms and conditions for more details. <sup>10</sup> Requires a valid credit/debit card, an email address, and Internet connection to printer. See additional offer information available during online sign-up process. For service details, see [www.hptnrservice.com](http://www.hptnrservice.com). <sup>11</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. <sup>12</sup> Based on plan usage. Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area. <sup>13</sup> See additional details at [www8.hp.com/us/en/hp-information/sustainable-impact](http://www8.hp.com/us/en/hp-information/sustainable-impact). Investment includes NGO partnerships targeted to protect forests, improve responsible forest management and help develop Science Based Targets (SBT) for responsible management of forests. <sup>14</sup> Improved printer connectivity utilizing Smart Driver and Print/Scan Doctor technology in the HP+ system, versus HP consumer printers without HP+. <sup>15</sup> Compared to OEM printing apps for the majority of top-selling inkjet/laser printers and all-in-ones for the home and office, priced less or equal to \$449.99 USD. Market share as reported by IDC CYQ4 2019 Hardcopy Peripherals Tracker. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence - Buyers Lab hands-on testing and study commissioned by HP. For details, please see: [www.keypointintelligence.com/HPSmartApp](http://www.keypointintelligence.com/HPSmartApp).

## HP LaserJet MFP M234sdwe Printer with 6 months free toner through HP Plus Technical specifications

Functions / Multitasking supported	Print, copy, scan / No	What's in the box	6GX01E HP LaserJet MFP M234sdwe Printer; HP Black LaserJet Toner Cartridge (~700 pages); Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord
Print speed black	<b>Letter:</b> Up to 30 ppm; <b>First page out:</b> As fast as 6.9 sec; <b>Print speed duplex:</b> Up to 19 ipm	Replacement cartridges <sup>4</sup>	HP 134A Original Black LaserJet Toner Cartridge, W1340A (1100); HP 134X Original Black LaserJet Toner Cartridge, W1340X (2400)
Print resolution	<b>Black (best):</b> Up to 600 x 600 dpi	Product dimensions	W x d x h: 16.46 x 12.13 x 11.59 in; <b>Maximum:</b> 16.46 x 18.41 x 17.83 in
Print technology	Laser	Product weight	20.95 lb
Print cartridges number	1 (black)	Warranty features	Two-year limited warranty
Standard print languages	PCLmS, URF, PWG	Energy efficiency compliance	ENERGY STAR® certified
Printer smart software features	Automatic duplex printing, Instant-on Technology, HP Auto-On/Auto-Off <sup>1</sup> , HP Smart App <sup>2</sup>	Energy star certified	Yes
Scan speed <sup>11</sup>	Up to 20 ppm (b&w), up to 11 ppm (color)	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)
Scan type / Technology <sup>11</sup>	Flatbed, ADF / CIS	Display description	1.6" Icon LCD
Scan resolution	<b>Hardware:</b> 600 x 600; <b>Optical:</b> Up to 600 dpi	Software included	Downloadable Software from hp.com or 123.hp.com #CD include HP Software Installer, Uninstaller, printer driver and other essential tools
Scan file format	JPEG, TIFF, PDF, BMP, PNG	Compatible operating systems	Microsoft® Windows® 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer. Apple® macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required; Linux (For more information, see <a href="https://developers.hp.com/hp-linux-imaging-and-printing">https://developers.hp.com/hp-linux-imaging-and-printing</a> )
Scan input modes	Front-panel copy, HP Smart app, HP Scan SW, app through scan driver	Compatible network operating systems	Linux (For more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a> )
Scan size maximum	8.5 x 14 in <b>Flatbed:</b> 8.5 x 11.7 in	Minimum system requirements	<b>PC:</b> Microsoft® Windows® 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection; <b>Mac:</b> Apple® macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Scanner advanced features	No	Power <sup>9</sup>	<b>Power supply type:</b> Built-in 110V 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)
Bit depth / Grayscale levels	24-bit/256	Acoustics	Acoustic power emissions: 6.6 B(A)
Copy speed black	<b>Copy speed:</b> Up to 30 cpm; <b>Copy speed Duplex:</b> Up to 19 cpm	Operating environment	<b>Operating temperature range:</b> 59 to 90.5°F; <b>Recommended operating temperature:</b> 63.5 to 77°F; <b>Storage temperature range:</b> -4 to 140°F; <b>10 to 90% RH;</b> <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended humidity operating range:</b> 30 to 70% RH
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 two-sided on ADF bundles.		
Copier resize	25 to 200%		
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		
Network capabilities	1 Ethernet 10/100Base-TX; 1 built-in Wi-Fi 802.11b/g/n		
Wireless capability	1 built-in W-Fi 802.11b/g/n		
Mobile printing capability <sup>5</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 / Storage <sup>1,2</sup> ; No / Hard disk: No		
Duty cycle	Monthly letter: Up to 20,000 pages		
Recommended monthly page volume	200 to 2,000		
Media types supported	Media Type: Paper (laser, plain, rough, vellum), Envelopes, Labels, Cardstock, Postcard	Learn more at <a href="http://hp.com">hp.com</a>	
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		
Paper handling	<b>Input Capacities:</b> Up to 150 sheets Standard; Up to 10 envelopes <b>Auto document feeder capacity:</b> Standard, 40 sheets ; <b>Output Capacities:</b> Up to 100 sheets Standard <b>Duplex Options:</b> Automatic (standard) <b>Standard paper trays:</b> 1		

<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. Instant Ink subscription may be required. Instant Ink not available in all countries. See details at [www.hptnerservice.com](http://www.hptnerservice.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: [www.hpsmart.com/mobile-fax](http://www.hpsmart.com/mobile-fax). <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. For details see <http://www.hp.com/go/toneryield>. <sup>4</sup> Wi-Fi Direct® footnote: 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>5</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>6</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>7</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>8</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 115V 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.

