

HP LaserJet MFP M234dw Printer



Super versatile. Super compact – with reliable wireless.

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

A high-productivity MFP with the fastest two-sided printing in its class² and the time-saving HP Smart app.^{6,7} Count on peace of mind from more reliable connections,¹ 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; First Page Out: As fast as 6.9 sec black
Print Resolution: Black (best): Up to 600 x 600 dpi, HP FastRes 1200 (1200 dpi quality)

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: 1.27" 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.²
- 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.¹
- Easily share resources – access and print with wireless and Ethernet networking.⁴
- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.⁵

Stay productive from anywhere

- Get high-quality scanning, and share to Dropbox, Google Drive, email, or the cloud – from virtually anywhere – with HP Smart app.⁶
- Quickly access and print documents and images on your smartphone, from Dropbox and Google Drive, using HP Smart app.⁶
- With HP Smart app, you can stay connected to your printer from virtually anywhere.⁶ Get notifications when printing, scanning, or copying from your smartphone.⁶

Help make a positive impact on the environment

- This HP LaserJet meets ecolabel requirements, including ENERGY STAR® and BLUE ANGEL.
- 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.⁸
- HP FSC®-certified paper is sustainably sourced from responsibly managed, renewable forest sources, which helps stop deforestation and protect wildlife.



¹ Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at 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. ² Compared to in-class monochrome laser printers and MFPs less than \$210 USD or 20K for single function or less than \$310 USD or 32K 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. ³ Wireless capabilities and 40-page automatic document feeder available only on selected models. ⁴ Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting. ⁵ 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. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®. ⁶ Requires the HP Smart app download. For details on local printing requirements see 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.hp.com/go/mobile-fax. ⁷ 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 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 hp.com/go/mobileprinting. Certain features/software are available in English language only. ⁸ HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. ⁹ 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 than or equal to \$449.99 USD. Market share as reported by IDC QY4 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

HP LaserJet MFP M234dw Printer Technical specifications

Functions	Print, copy, scan
Print speed black ⁷ , ⁸ , ⁶	Letter: Up to 30 ppm; First page out: As fast as 6.9 sec; Print speed duplex: Up to 19 ipm; Print speed (Landscape, A5): Up to 29 ppm
Print resolution	Black (best): Up to 600 x 600 dpi
Print technology	Laser
Print cartridges number	1 (black)
Standard print languages	PCLmS; URF; PWG
Printer smart software features ^{1,2}	Automatic duplex printing, HP Auto-On/Auto-Off ¹ , HP Smart App ²
Scan resolution	Hardware: 600 x 1200dpi
Scan input modes	HP Smart App; and user applications via Twain
Scan size maximum	Flatbed: 8.5 x 11.7 in / 216 x 297 mm
Bit depth / Grayscale levels	24-bit/256
Digital sending standard features	Not support
Copy speed black	Copy speed: Up to 30 cpm; First copy out: As fast as 10 sec
Copy resolution	Black (text and graphics): Up to 600 x 600 dpi
Maximum number of copies	Up to 99 copies
Copier settings	Number of Copies; Lighter/Darker; Optimize; Paper size/type
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	Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing
Memory	Standard: 64 MB; Maximum: 64 MB
Processor speed	500 MHz
Hard disk	No
Duty cycle	Monthly, A4: Up to 20,000 pages
Recommended monthly page volume	200 to 2,000
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

Paper handling	Input Capacities: Up to 150 sheets ; Up to 10 envelopes Output Capacities: Up to 100 sheets; Up to 10 envelopes Duplex Options: Auto-duplex Envelope feeder: NA Standard paper trays: 1
What's in the box ³	6GW99F HP LaserJet MFP M234dw Printer; HP Black LaserJet Toner Cartridge (~700 pages); Dust Cover; Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord
Page yield (set-up/inbox cartridges) ⁵	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: http://www.hp.com/go/toneryield . 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: http://www.hp.com/go/toneryield . Pages may vary based on customer printing conditions and usage.
Replacement supplies ⁴	HP 134A Black LaserJet Toner Cartridge, W1340A (~1100), HP 134X Black LaserJet Toner Cartridge, W1340X (~2400)
Product dimensions	W x d x h: 14.49 x 11.76 x 9.52 in / 368.0 x 298.6 x 241.9 mm; Maximum: 14.49 x 16.52 x 17.18 in / 368.0 x 419.6 x 436.3 mm
Product weight	16.76 lb / 7.6 kg
Warranty features	One-year limited warranty
Ecolabels	Blue Angel; EPEAT® Silver registered; 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; 3 lights (Media, Toner, Lid open); 10 buttons (Wi-Fi, Minus, Menu, Plus, Copy, ID copy, Info, Resume, Cancel, Power)
Display description	1.27" Icon LCD
Software included	Downloadable Software from hp.com or 123.hp.com ; #CD include HP Software Installer, Uninstaller, printer driver and other essential tools
Compatible operating systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux
Compatible network operating systems	Windows 11; Windows Server; Linux
Minimum system requirements	PC: Microsoft® Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer.; Mac: Apple® macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Power	Power supply type: Built-in 110V Power Supply; Power requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 4.8 A; 220-volt; Power consumption: 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); Typical electricity consumption (TEC) number¹⁰: 0.255 kWh/Week
Acoustics	Acoustic power emissions: 6.6 B(A)
Operating environment	Operating temperature range: 59 to 90.5°F / 15 to 32.5°C; Recommended operating temperature: 63.5 to 77°F / 17.5 to 25°C; Storage temperature range: -4 to 140°F / -20 to 60°C; Non-operating humidity range: 10 to 90% RH; Operating humidity range: 10 to 80% RH; Recommended humidity operating range: 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

Learn more at hp.com

¹ HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. ² Requires the HP Smart app download. For details on local printing requirements see hp.com/go/mobileprinting. Certain features/software are available in English language only. Wi-Fi is a registered trademark of Wi-Fi Alliance®. ³ 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. ⁴ 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>. ⁵ Approximate yield. Actual yield depends on printer and specific use. See <https://www.hp.com/go/pageyield> for more information. ⁶ 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. ⁷ 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. ⁸ 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. ⁹ Based on the Blue Angel TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. ¹⁰ 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. ¹¹ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

