

HP LaserJet MFP M234 Printer Series



A high-productivity MFP with the fastest two-sided printing in its class,² an automatic feeder,³ and the time-saving HP Smart app.^{6,7} Count on peace of mind from more reliable connections,^{1,3} and a worry-free experience with simplified setup.



This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip 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.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.^{1,3}
- Easily handle large print jobs, and save time with automatic scanning and copying. Breeze through scan and copy tasks, using the automatic document feeder.³
- Easily share resources – access and print with wireless and Ethernet networking.³

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

Easy to set up, easy to use

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

- This HP LaserJet meets ecolabel requirements, including ENERGY STAR®.
- 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.

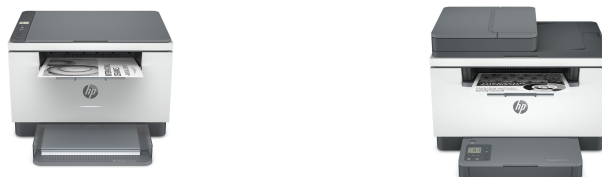
Product walkaround

HP LaserJet MFP M234sdw Printer

1. 40-sheet auto document feeder⁶
2. HP Smart app
3. ICON LCD with Smart, contextual UI
4. Flatbed scanner with ID copy
5. USB, Ethernet, dual-band Wi-Fi with self-reset¹
6. 100-sheet output tray
7. Fastest two-sided printing: Duplex: 18 ipm A4^{2,3}
8. Simplex: 29 ppm A4²
9. 150-sheet enclosed input tray
10. Enclosed input tray



Series at a glance



Model	HP LaserJet MFP M234dw Printer	HP LaserJet MFP M234sdw Printer
Product number	6GW99F	6GX01F
Functions	Print, scan, copy, send mobile fax	Print, scan, copy, send mobile fax; ⁵ 40-page automatic document feeder
Connectivity	Dual band Wi-Fi™ with self-reset ¹ , Built-in fast Ethernet, Hi-Speed USB	
Print speeds	29 ppm ⁴ , A4	
Paper handling	150-sheet input tray, automatic two-sided printing	150-sheet input tray, automatic two-sided printing, 40-page automatic document feeder
User interface	Contextual UI with smart-guided buttons and lighting	Smart, contextual UI; buttons appear only when needed

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 \$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. ³ 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. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ 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. ⁵ 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, 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. 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. ⁶ Available only on the M234sdw model.

Configurable Items, Accessories, Supplies and Support

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

Technical specifications

Model	HP LaserJet MFP M234dw Printer		HP LaserJet MFP M234sdw Printer
Product number	6GW99F		6GX01F
Functions	Print, copy, scan		
Control panel	Icon LCD; 3 lights (Media, Toner, Lid open); 10 buttons (Wi-Fi, Minus, Menu, Plus, Copy, ID copy, Info, Resume, Cancel, Power)		Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)
Print			
Print technology	Laser		
Print speed ⁷	Black (A4, normal) Up to 29 ppm ; Black (A4, duplex): Up to 18 ipm		
First page out ⁸	Black (A4, ready): As fast as 7 sec ; Black (A4, sleep): As fast as 7.6 sec		
Print resolution	Black (best): Up to 600 x 600 dpi		
Monthly duty cycle	Up to 20,000 pages A4; Recommended monthly page volume: 200 to 2,000		
Printer smart software features ^{1,2}	Automatic duplex printing, HP Auto-On/Auto-Off ¹ , HP Smart App ²		
Standard print languages	PCLmS; URF; PWG		
Print area	Print margins Top: 6 mm, Bottom: 6 mm, Left: 5 mm, Right: 5 mm; Maximum print area: 216 x 354 mm		
Duplex printing	Auto-duplex		
Copy			
Copy speed	Black (A4): Up to 29 cpm		
Copier specifications	Number of Copies; Lighter/Darker; Optimize; Paper size/type;; Maximum number of copies: Up to 99 copies; Reduce/Enlarge: 25 to 400%	Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type. It supports collation and single-sided on ADF bundles.; ; Maximum number of copies: Up to 99 copies; Reduce/Enlarge: 25 to 400%	
First copy out	A4: As fast as 10.3 sec	A4: As fast as 8 sec; 2-sided A4: Up to 18 cpm	
Scan			
Scan speed ¹¹	Normal (A4): Up to 19 ppm (b&w), up to 10 ppm (color)		
Scan file format		JPEG, TIF, PDF, BMP, PNG	
Scanner specifications	Scan input modes: HP Smart App; and user applications via Twain; Twain version: Version 2.1; Duplex ADF scanning: No;	Scanner type: Flatbed, ADF; Scan input modes: HP Smart App; and user applications via Twain; Twain version: Version 2.1; Duplex ADF scanning: No; Optical scan resolution: Up to 600 dpi	
Recommended monthly scan volume	150 to 1500		
Scannable area	Maximum media size (flatbed): 216 x 297 mm;	Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 216 x 356 mm	
Bit depth/ Grey scale levels	24-bit / 256		
Fax			
Fax	No,		
Processor speed	500 MHz		
Connectivity			
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		
Wireless	Yes, built-in Wi-Fi 802.11b/g/n		
Mobile printing capability	Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing		
Supported network protocols	TCP/IP: IPv4; IPv6; LPD; SLP; Bonjour; WS-Discovery; BOOTP/DHCP/AutoIP; SNMP v 1/2/3; HTTP/HTTPS; UDP; IPP		
Network capabilities	1 Ethernet 10/100Base-TX; 1 built-in Wi-Fi 802.11b/g/n		
Hard disk	No		
Memory	Standard: 64 MB; Maximum: 64 MB		

Technical specifications

Model	HP LaserJet MFP M234dw Printer		HP LaserJet MFP M234sdw Printer
Product number	6GW99F		6GX01F
Media handling			
Number of paper trays	Standard: 1 ; Maximum: 1		
Media types	Paper (laser, plain, rough, vellum), Envelopes, Labels, Cardstock, Postcard		
Media size	Custom (metric): 101.6 x 152.4 to 216 x 356 mm ; Supported (metric): A4; A5; A6; B5 (JIS)	Custom (metric): 101.6 x 152.4 to 216 x 356 mm ; Supported (metric): A4; A5; A6; B5 (JIS) ; ADF: A4, A5, B4, B5, Letter, Legal	
Media handling	Standard input: 150-sheet input tray Standard output: 100-sheet output tray	Standard input: 150-sheet input tray Standard output: 100-sheet output tray ADF: Standard, 40 sheets	
Media weight	60 to 163 g/m²;	60 to 163 g/m²; ADF: 60 to 90 g/m²	
Input capacity	Tray 1: Sheets: 150; Envelopes: 10 Maximum: Up to 150 sheets		Tray 1: Sheets: 150; Envelopes: 10 Maximum: Up to 150 sheets ADF: Standard, 40 sheets
Output capacity	Standard: Up to 100 sheets Envelopes: Up to 10 envelopes Maximum: Up to 100 sheets		
Compatible operating systems	Windows 11; Windows 10; Windows 8; Windows 8.1; 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	Windows: Microsoft® Windows® 10, 8.1, 8, 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		
Software included	No CD inbox (except 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		
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		
Printer management	HP Printer Assistant (UDC); HP Device Toolbox		
Dimensions and weight			
Printer dimensions (W x D x H)	Minimum 368.0 x 298.6 x 241.9 mm; Maximum: 368.0 x 419.6 x 436.3 mm		Minimum 418.0 x 308.0 x 294.4 mm; Maximum: 418.0 x 467.6 x 452.8 mm
Printer weight	7.6 kg		9.5 kg
Operating environment	Temperature: 15 to 32.5°C; Humidity: 30 to 70% RH		
Storage conditions	Temperature: -20 to 60°C ; Humidity: 10 to 90% RH		
Acoustics			
	Acoustic power emissions: 6.6 B(A); Acoustic pressure emissions: 51 dB(A)		
Power	Requirements: 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. ; 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) ¹⁰ : 0.255 kWh/Week ; Power supply type: Built-in 110V or 200V Power Supply	Requirements: 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. ; 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) ¹⁰ : 0.256 kWh/Week (Energy Star); 0.684 kWh/Week (Blue Angel) ; Power supply type: Built-in 110V or 200V Power Supply	
Energy savings feature technology	HP Auto-on/Auto-off Technology		
Certifications	RCM (Australia), TUV 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. Electromagnetic emission standard: CISPR32:2012 & CISPR32:2015 /EN55032:2012 & EN55032:2015+AC: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. Blue Angel: EPEAT® Silver registered; ENERGY STAR® certified Telecom compliance: 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	RCM (Australia), TUV 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. Electromagnetic emission standard: CISPR32:2012 & CISPR32:2015 /EN55032:2012 & EN55032:2015+AC: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. Blue Angel: ENERGY STAR® certified Telecom compliance: 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	
Sustainable impact specifications	Mercury free		
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies		
Country of origin	Made in Vietnam		
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		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
Warranty	One-year limited warranty		

Footnotes

- 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 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.
- ³ Wireless capabilities and 40-page automatic document feeder available only on selected models.
- ⁴ 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®.
- ⁵ 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. See details at www.hptonerservice.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.
- 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 Available only on the M234sdw.

Technical specifications disclaimers

- 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 www.hp.com/go/mobileprinting. Certain features/software are available in English language only, and differ between desktop and mobile applications. See details at www.hptonerservice.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.
- 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.

