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

Fast two-sided printing

HP AiO Remote

Easy setup

Eco friendly

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.
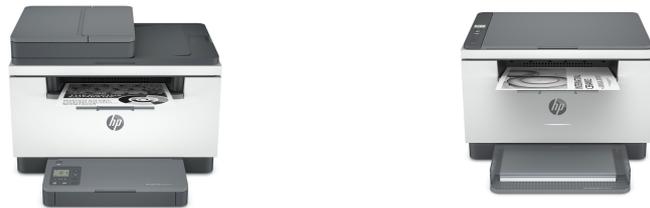
Product walkaround

HP LaserJet MFP M234sdw Printer

1. 40-sheet auto document feeder[6]
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-reset[1]
6. 100-sheet output tray
7. Fastest two-sided printing: Duplex: 18 ipm A4[2,3]
8. Simplex: 29 ppm A4[2]
9. 150-sheet enclosed input tray
10. Enclosed input tray

Series at a glance

Model	HP LaserJet MFP M234sdw Printer	HP LaserJet MFP M234dw Printer
Product number	6GX01F	6GW99F
Functions	Print, scan, copy, send mobile fax,[5] 40-page automatic document feeder	Print, scan, copy, send mobile fax
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, 40-page automatic document feeder	150-sheet input tray, automatic two-sided printing
User interface	Smart, contextual UI; buttons appear only when needed	Contextual UI with smart-guided buttons and lighting

[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 hpprintplans.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 M234sdw Printer	HP LaserJet MFP M234dw Printer
Product number	6GX01F	6GW99F
Functions	Print, copy, scan	
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)	Icon LCD; 3 lights (Media, Toner, Lid open); 10 buttons (Wi-Fi, Minus, Menu, Plus, Copy, ID copy, Info, Resume, Cancel, Power)
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	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%;	Number of Copies; Lighter/Darker; Optimize; Paper size/type; **Maximum number of copies**: Up to 99 copies; **Reduce/Enlarge**: 25 to 400%;
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	**Scanner type**: Flatbed, ADF; **Scan input modes**: HP Smart App; and user applications via Twain; **Twain version**: Version 2.1; **Duplex ADF scanning**: No; **Scan size maximum (flatbed)**: 216 x 297 mm; **Optical scan resolution**: Up to 600 dpi	**Scan input modes**: HP Smart App; and user applications via Twain; **Twain version**: Version 2.1; **Duplex ADF scanning**: No; **Scan size maximum (flatbed)**: 216 x 297 mm;
Recommended monthly scan volume	150 to 1500	
Scannable area	**Maximum media size (flatbed)**: 216 x 297 mm; **Minimum media size (ADF)**: 148 x 210 mm **Maximum media size (ADF)**: 216 x 356 mm	**Maximum media size (flatbed)**: 216 x 297 mm;
Bit depth/ Grey scale levels	24-bit / 256	
Fax		
Fax	No	
Processor speed	500 MHz	
Connectivity		
Standard	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	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
Wireless	1 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	
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) ; **ADF**: A4, A5, B4, B5, Letter, Legal	**Custom (metric)**: 101.6 x 152.4 to 216 x 356 mm ; **Supported (metric)**: A4; A5; A6; B5 (JIS)
Media handling	**Standard input**: 150-sheet input tray **Standard output**: 100-sheet output tray **ADF**: Standard, 40 sheets	**Standard input**: 150-sheet input tray **Standard output**: 100-sheet output tray
Media weight	60 to 163 g/m²; **ADF**: 60 to 90 g/m²	60 to 163 g/m²;
Input capacity	**Tray 1**: Sheets: 150; Envelopes: 10 **Maximum**: Up to 150 sheets **ADF**: Standard, 40 sheets	**Tray 1**: Sheets: 150; Envelopes: 10 **Maximum**: Up to 150 sheets
Output capacity	**Standard**: Up to 100 sheets Envelopes: Up to 10 envelopes **Maximum**: Up to 100 sheets	

Technical specifications

Model	HP LaserJet MFP M234sdw Printer	HP LaserJet MFP M234dw Printer
Product number	6GX01F	6GW99F
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	**Windows**: 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	
Software included	No CD inbox (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	
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** 418.0 x 308.0 x 294.4 mm; **Maximum**: 418.0 x 467.6 x 452.8 mm;	**Minimum** 368.0 x 298.6 x 241.9 mm; **Maximum**: 368.0 x 419.6 x 436.3 mm;
Printer weight	9.5 kg	7.6 kg
Operating environment	**Temperature**: 15 to 32.5ºC; **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]: 0.256 kWh/Week (Energy Star); 0.684 kWh/Week (Blue Angel); **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); **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, Energy Star, 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. EPEAT® Silver; 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, Energy Star, 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. ENERGY STAR® certified; EPEAT® Silver **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]	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	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
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.

[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. Instant Ink subscription may be required. Instant Ink not available in all countries. 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. Instant Ink subscription may be required. Instant Ink not available in all countries. 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
Approximate yield. Actual yield depends on printer and specific use. See http://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.