Data sheet

HP LaserJet MFP M234d Printer

Fast, reliable performance. Exceptional value

Increase productivity with this high-performance black-and-white printer in an award-winning compact design.[2] Experience the fastest two-sided printing in class[8] with copying and scanning, plus simplified setup and time-saving features with the HP app.[3]





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

Built for fast and reliable printing

- Deliver multipage documents in a flash with the fastest two-sided printing in class.[8]
- Rely on consistent, high-quality prints page after page. Get the quality you expect from an industry leader.
- Easily handle high-volume print jobs and reload paper less often with a 150-sheet capacity paper tray.
- Get a lot from one device. Easily handle task with multifunction performance - print, scan, copy.

Award-winning design for your workspace[2]

- Save space and reduce clutter with an award-winning compact design.[2]
- You can fit this LaserJet almost anywhere. Get projects done quickly with a printer that fits your workspace.

Easy to set up, easy to use

- Get started fast with easy setup guidance from the HP app.[1] Quickly setup and get back to business.
- Help protect the information that matters most. Get security essentials to help maintain privacy and control.
- Easily connect your printer to your computer with the provided USB cable and built-in USB port.
- Easily manage tasks with smart-guided buttons – buttons appear only when needed.

Compact and energy efficient design

- Optimise printer energy usage with HP Auto-On/Auto-Off technology.[4]
- Easily recycle your used Original HP Toner Cartridges for free through the HP Planet Partners program.[5]
- This HP LaserJet meets ecolabel requirements, including Blue Angel.[7]

Product walkaround

HP LaserJet MFP M234d Printer

1. USB Connection
2. Automatic two-sided printing: 18 ipm A4
3. Smart, contextual UI
4. Easy ID copy
5. 100 sheet output tray
6. 150 sheet enclosed input tray



Accessories, Supplies and Support

Supplies [5]	**W1350A** HP 135A Black Original LaserJet Toner Cartridge (~1,100 pages)[6]
	W1350X HP 135X High Yield Black Original LaserJet Toner Cartridge (~2,400 pages)[6]
Accessories	
Service and Support	**UH761E** HP 3 year Standard Exchange (available in all EMEA countries except Middle East, Adriatic, Africa, Russia, South Africa, Israel, Slovenia, Turkey) **UH757E** HP 3 year Next Business Day Exchange (available in Austria, Belgium, Czech Republic, Denmark, Finland, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Sweden, Switzerland, UK) **UH764E** HP 3 year Return to Depot (available in Adriatic, Africa, CIS, EEM, Israel, Middle East, Romania, Russia, South Africa, Turkey)

Technical specifications

Model	**HP LaserJet MFP M234d Printer**
Product number	8J9K4F
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)
Print	
Print technology	Laser
Print speed[9]	**Black (A4, normal)**: Up to 29 ppm ; **Black (A4, duplex)**: Up to 18 ipm **Colour (A4, duplex)**: Up to 18 ipm
First page out[11]	**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[12]	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, HP App
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[7]	**Black (A4)**: Up to 14 cpm
Copier specifications	Auto-enlarge; Lighter/Darker; Number of Copies; Optimize; Paper Size; Paper type; Reduce to Fit; **Maximum number of copies**: Up to 99 copies; **Reduce/Enlarge**: 25 to 400%
Scan	
Scan file format	JPEG, TIF, PDF, BMP, PNG
Scanner specifications	**Scan input modes**: HP App; and user applications via Twain; **Twain version**: Version 2.1;
Recommended monthly scan volume	150 to 1500
Scannable area	**Maximum media size (flatbed)**: 297 x 216 mm
Bit depth/ Grey scale levels	24-bit / 256
Processor speed	500 MHz
Connectivity	
Standard	1 Hi-Speed USB 2.0 (device)
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)

Model	HP LaserJet MFP M234d Printer
Product number	8J9K4F
Media handling	**Standard input:** 150-sheet input tray **Standard output:** 100-sheet output tray
Media weight	60 to 163 g/m²
Input capacity	**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
Compatible operating systems[15]	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
Compatible network operating systems	Windows 11; Windows Server; macOS 15 Sequoia; Linux
Minimum system requirements	**Windows**: Microsoft® Windows® 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer; USB Port **Mac**: macOS v14 Sonoma; macOS v13 Ventura; macOS v12 Monterey; 2 GB HD; Internet required; USB
Software included	No CD; Downloadable Software from http://www.hp.com or http://www.123.hp.com
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 x 298.6 x 241.9 mm; **Maximum**: 368 x 419.6 x 436.3 mm
Printer weight	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[8]	**Acoustic power emissions**: 6.6 B(A) **Acoustic pressure emissions**: 51 dB(A)
Power[3]	**Requirements**: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 2.8 A; **Consumption**: 453 watts (active printing), 3.3 watts (ready), 0.6 watts (sleep), 0.6 watts (Auto Off/Wake on USB, enabled at shipment), 0.04 watts (Auto-off/Manual-on), 0.04 (Manual Off); **Typical Electricity Consumption (TEC)**[13]: 0.267 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 **Blue Angel compliant** Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Sustainable impact specifications	Mercury free
Country of origin	Made in Vietnam
What's in the box[4]	8J9K4F HP LaserJet MFP M234d; Preinstalled HP Black Original LaserJet Toner Cartridge; Dust cover; Power Cord; Reference Guide; Setup Poster; Regulatory Flyer; USB cable.
Warranty[8]	One-year limited warranty

Footnotes

[1] Requires HP app download available at https://www.hp.com/go/mobileprinting . Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only. List of supported operating systems available in app stores. See details at https://www.hpsmart.com
[2] https://www.red-dot.org/project/hp-laserjet-printer-series-52406
[3] Based on internal HP testing. Average timing estimate based on: 1) downloaded HP app on mobile or desktop 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 https://www.hp.com/go/mobileprinting
[4] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
[5] Program availability varies. Original HP cartridge return and recycling is currently available in more than 60 countries, territories and regions in Asia, Africa, Europe, and North and South America through the HP Planet Partners program. For details, see https://www.hp.com/recycle
[7] This HP printing system is awarded the Blue Angel according to DE-UZ 219 in commercial use for the following 33 countries: Germany, Austria, Switzerland, France, United Kingdom, Ireland, Sweden, Denmark, Finland, Norway, Belgium, Netherlands, Luxembourg, Italy, Spain, Portugal, Poland, Czech Republic, Slovakia, Slovenia, Hungary, Croatia, Romania, Bulgaria, Greece, Estonia, Latvia, Lithuania, Serbia, Turkey, Israel, Morocco, South Africa.
[8] Compared to in-class monochrome duplex laser printers less than $149 USD and 129€ EUR and duplex laser MFPs less than $229 USD and 199€ EUR. Exact HP printer speeds vary depending on the system configuration, software application, driver, and document complexity. Keypoint Intelligence March 2024 study commissioned by HP, based on research of OEM-published specifications and publicly available information as of March 2024. Market share as reported by IDC for Q4 2023 for North America and Europe. For details: keypointintelligence.com/HPFastestDuplexM200

Technical specifications disclaimers

[1] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
[2] Requires HP app download available at www.hp.com/go/mobileprinting. Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only. List of supported operating systems available in app stores. See details at www.hpsmart.com.
[3] 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. Power consumption values typically based on measurement of 115V device.
[4] 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.
[5] 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
[6] Approximate yield. Actual yield depends on printer and specific use. See http://www.hp.com/go/pageyield for more information.
[7] First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application and document complexity.
[8] Configuration tested: simplex printing, A4 paper at an average of 29 ppm
[9] 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.
[10] Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[11] Measured using ISO/IEC 17629. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[12] Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
[13] 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.
[15] Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit) Full solution software available only for Windows 10 and newer; For Windows Server 2016 64-bit only print driver is installed; Linux systems use in-OS HPLIP software.

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