Datasheet

HP LaserJet M209dw Printer

Fast, reliable performance. Exceptional value.

Reliable, high-performance black-and-white two-sided printing in an award-winning compact design.[2]

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[6] and reliable Wi-Fi with self-reset,[7, 11] plus simplified setup and time-saving features with the HP app.[1,3]

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

Print Speed: Letter: Up to 30 ppm; First Page Out: As fast as 6.9 sec black
Print Resolution: Black (best): Up to 600 x 600 dpi
Standard Connectivity: 1 Hi-Speed USB 2.0 (device); Ethernet 10/100 Base-TX; Wireless 802.11a/b/g/n, Dual band 2.4GHz/5GHz
Mobile Printing Capability: Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct printing
Duty cycle: Monthly (letter): Up to 20,000
Paper Handling: 150-sheet input tray; 100-sheet output tray

Windows 11 | Mac | mopria | Wi Fi CERTIFIED | ENERGY STAR | HP Smart App | Works with Apple AirPrint

Built for fast and reliable printing

- Deliver multipage documents in a flash with the fastest two-sided printing in class.[6]
- Rely on consistent, high-quality prints page after page. Get the quality you expect from an industry leader.
- Get better range and faster, more reliable connections using dual-band Wi-Fi™ with self-reset.[4]
- Easily share resources – access and print with wireless and Ethernet networking.[6]
- Easily handle high-volume print jobs and reload paper less often with a 150-sheet capacity paper tray.

Award-winning design to fit your workspace[2]

- Small in size but big in performance, an impressive combination of advanced power and award-winning design.[2]
- Save space and reduce clutter with a modern sleek design that fits your workspace.
- You can fit this LaserJet almost anywhere. Get projects done quickly with this high-performance compact printer.

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.
- Get time-saving Shortcuts, plus access and print documents and images from your mobile devices, with the easiest-to-use HP app.[8,11]
- Easily connect your printer to your computer with the built-in USB port.
- Easily manage tasks with smart-guided buttons and lighting for an intuitive experience – buttons appear only when needed.

[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] Requires the HP 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.hpsmart.com/mobile-fax [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. [6] 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 [7] Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. 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) v. 2.4 GHz band (up to 72.2 mbps). Learn more at: https://www.hp.com/go/mobileprinting [9] Compared to OEM printing apps for the majority of top-selling, network-capable inkjet/laser printers and all-in-ones for the home and office, priced <$450 USD. Printers selected by market share as reported by IDC Quarterly Hardcopy Peripherals Tracker – Final Historical CYQ1 2023. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence hands-on testing and study commissioned by HP, July 2023. For details, please see: https://www.keypointintelligence.com/HPSmartapp [9] 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

HP LaserJet M209dw Printer Technical specifications

Functions	Print
Print speed black [11], [9], [10]	**First page out:** As fast as 6.9 sec; **Letter:** Up to 30 ppm; **2-sided Letter:** 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[2,3]	Automatic duplex printing, HP Auto-On/Auto-Off[1], HP app[2]
Printer management	HP Printer Assistant (UDC); HP Device Toolbox
Standard connectivity	1 Hi-Speed USB 2.0 (device); Ethernet 10/100 Base-TX; Wireless 802.11a/b/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	1 built-in Wi-Fi 802.11b/g/n
Mobile printing capability[8]	Apple AirPrint™; Mopria™ certified; HP app; Wi-Fi Direct® printing
Memory	**Standard:** 64 MB; **Maximum:** 64 MB
Processor speed	500 MHz
Hard disk	None
Duty cycle[12]	**Monthly, letter:** Up to 20,000; **Monthly, A4:** Up to 20,000
Recommended monthly page volume[13]	200 to 2,000
Paper handling	**Input Capacities:** Up to 150 sheets Up to 10 envelopes **Output Capacities:** Up to 100 sheets; Up to 10 envelopes **Duplex Options:** Automatic (standard) **Envelope feeder:** Yes, 10 **Standard paper trays:** 1
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
Product dimensions	**W x d x h:** 13.98 x 11 x 8.07 in / 355 x 279.5 x 205 mm; **Maximum:** 13.98 x 16.80 x 10.43 / 355 x 426.5 x 265 mm
Product weight	12.35 lb / 5.6 kg
What's in the box[1]	**6GW62F** HP LaserJet Pro M209dw 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)[7]	M209, M211: 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. M208, M207: 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[6]	HP 134A Black LaserJet Toner Cartridge, W1340A (~1100), HP 134X Black LaserJet Toner Cartridge, W1340X (~2400)
Supplies	W1340A HP 134A Black Original LaserJet Toner Cartridge ; W1340X HP 134X High Yield Black Original LaserJet Toner Cartridge
Warranty features	One-year limited warranty
Ecolabels	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	Button LED
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[14]	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	**PC:** Microsoft® Windows® 10, 8.1, 8, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer.; **Mac:** Apple® macOS High Sierra (v10.13) macOS Mojave (v10.14) macOS Catalina (v10.15) macOS Big Sur (v11); 2 GB HD; Internet required
Power , [4]	**Power supply type:** Internal; **Power requirements:** 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 4.6 A ; **Power consumption:** 420 watts (active printing), 2.0 watts (ready), 0.5 watts (sleep), 0.5 watts (Auto Off/Wake on USB, enabled at shipment), 0.04 watts (Auto-off/Manual-on), 0.04 (Manual Off); **Typical electricity consumption (TEC) number[4]:** 0.224 kWh/Week (Energy Star)
Acoustics[15]	**Acoustic power emissions:** 6.7 B(A)
Operating environment	**Operating temperature range:** 59 to 90.5º F / 15 to 32.5º C; **Recommended operating temperature:** 63.5 to 77º F / 17.5 to 25º 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
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
Country of origin	China(ABY, ABT, BAZ, B19); Vietnam(ABY, ABT, BGM, BGJ, BAZ, B19)

Learn more at
hp.com

[1] 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. [2] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. [3] Requires the HP 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: http://123.hp.com . [4] 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. [5] Based on the Blue Angel TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. [6] 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 . [7] Declared yield value 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/learnaboutsupplies. [8] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting . Apple Airprint -Mobile device must have AirPrint®. Wi-Fi Direct® printing- Feature is supported on select printers. Mobile device needs to be connected directly to the signal of a Wi-Fi Direct® supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see hp.com/go/mobileprinting . Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®. The Mopria® Logo is a registered and/or unregistered trademark of Mopria Alliance, Inc. in the United States and other countries, unauthorized use is strictly prohibited. Requires the HP 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. Internet access required and must be purchased separately. HP account required for full functionality. Fax capabilities are for sending a fax only, and may require additional purchase. For more information, see: http://123.hp.com . [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 http://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 http://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] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. [14] 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. [15] Configuration tested for M207dw model: simplex printing, A4 paper at an average of 27ppm. Configuration tested for M209d model: simplex printing, A4 paper at an average of 29ppm.

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