Data sheet

HP LaserJet M209dw Printer

A high-productivity compact mono laser printer with the fastest two-sided printing in its class[1] and the time-saving HP Smart app.[2,3] Count on more reliable connections and a worry-free experience,[4,5] and get legendary HP quality.





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.[1]
- 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.[4]
- Easily share resources – access and print with wireless and Ethernet networking.[6]
- Get the business prints you want, fast. This printer delivers your documents at high speed.

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.[2]
- Quickly access and print documents and images on your smartphone, from Dropbox and Google Drive, using HP Smart app.[2]
- With HP Smart app, you can stay connected to your printer from virtually anywhere.[2] Get notifications when printing, scanning, or copying from your smartphone.[2]

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.[2]
- Easily manage tasks with smart-guided buttons and lighting for an intuitive experience – buttons appear only when needed.

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.[7]
- HP FSC®-certified paper is sustainably sourced from responsibly managed, renewable forest sources, which helps stop deforestation and protect wildlife.

Product walkaround

HP LaserJet M209dw Printer

1. HP Smart app
2. LED button control panel
3. USB, Ethernet, dual-band, Wi-Fi with self-reset
4. 100 sheet output tray
5. Fastest two-sided printing: 18 ipm A4
6. Smart-guided lightning
7. 150 sheet input tray
8. Dust cover



Accessories, Supplies and Support

Supplies	**W1350A** HP 135A Black Original LaserJet Toner Cartridge (~1,100 pages)
	W1350X HP 135X High Yield Black Original LaserJet Toner Cartridge (~2,400 pages)
Service and Support	**UG206E** 3 year Standard Exchange (available in all EMEA countries except Middle East, Adriatic, Africa, Russia, South Africa, Israel, Slovenia, Turkey) **UG086E** 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) **UG289E** 3 year Return to Depot (available in Adriatic, Africa, CIS, EEM, Israel, Middle East, Romania, Russia, South Africa, Turkey)

Technical specifications

Model	HP LaserJet M209dw Printer
Product number	6GW62F
Functions	Print
Control panel	Button LED
Print	
Print technology	Laser
Print speed[9]	**Black (A4, normal)**: Up to 29 ppm ; **Black (A4, duplex)**: Up to 18 ipm
First page out[11]	**Black (A4, ready)**: As fast as 7 sec ; **Black (A4, sleep)**: As fast as 7.5 sec
Print resolution	**Black (best)**: Up to 600 x 600 dpi
Monthly duty cycle	Up to 20,000 A4; **Recommended monthly page volume**: 200 to 2,000
Printer smart software features[2,3]	Automatic duplex printing, HP Auto-On/Auto-Off[3], 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	Automatic (standard)
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
Mobile printing capability[8]	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	None
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)
Media handling	**Standard input:** 150-sheet input tray **Standard output:** 100-sheet output tray **Optional input:** NA
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	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® 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
Software included	No CD in box; 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** 355 x 279.5 x 205 mm; **Maximum**: 355 x 426.5 x 265 mm
Printer weight	5.6 kg
Operating environment	**Temperature**: 15 to 32.5º C **Humidity**: 30 to 70% RH
Storage conditions	**Temperature**: -20 to 60°C **Humidity**: 10 to 90% RH
Acoustics	**Acoustic power emissions**: 6.7 B(A) **Acoustic pressure emissions**: 54 dB(A)
Power	**Requirements**: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 2.7 A; **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)**[4]: 0.224 kWh/Week (Energy Star); **Power supply type**: Internal
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), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Paraguay, Indonesia, Singapore, Philippines, Argentina, Chile, 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 **Blue Angel compliant** Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies **Telecom compliance**: Wireless: EU RED 2014/53/EU; EN 301 489-1 V2.2.3 / Draft EN 301 489-17: V3.2.0; EN 300 328: V2.1.1 / EN301 893 V2.1.1/EN 300 440-1 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
Country of origin	Made in Vietnam
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 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.
Warranty	One-year limited warranty
Engine life	20000

Footnotes

[1] 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
[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. 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 Smart 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 Smart app download and supported HP printer. For details on local printing requirements see www.hp.com/go/mobileprinting
[4] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at www.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.
[5] Wireless capabilities available only on selected models.
[6] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting
[7] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
[8] USB cable may not be included; purchase separately.
[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 CYQ4 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

Technical specifications disclaimers

[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 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.hpsmart.com/mobile-fax.
[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, unauthorised use is strictly prohibited. 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. 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: hpsmart.com/mobile-fax
[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.

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