

# HP LaserJet MFP M234dw Printer



Super versatile. Super compact – with reliable wireless.

Get wireless two-sided printing,<sup>1</sup> smart setup and mobility solutions,<sup>2</sup> and MFP productivity.

A high-productivity MFP with the fastest two-sided printing in its class<sup>2</sup> and the time-saving HP Smart app.<sup>6,7</sup> Count on peace of mind from more reliable connections,<sup>1</sup> and a worry-free experience with simplified setup.



This printer is intended to work only with cartridges that have new or reused HP electronic circuitry, and it uses dynamic security measures to block cartridges using modified or non-HP circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP electronic circuitry enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

**Print Speed:** Up to 30 ppm; First Page Out: As fast as 6.9 sec black  
**Print Resolution:** Black (best): Up to 600 x 600 dpi, HP FastRes 1200 (1200 dpi quality)  
**Copy Resolution:** Black (text & graphics): Up to 600 x 600 dpi  
**Standard Connectivity:** 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  
**Mobile Printing Capability:** Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing  
**Duty cycle:** Monthly (letter): Up to 20,000 pages  
**Display:** 1.27" Icon LCD  
**Paper Handling:** 150-sheet input tray; 100-sheet output tray

### Work fast. Work smart.

- Speed through multipage documents with the fastest in-class two-sided printing speed.<sup>2</sup>
- 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.<sup>1</sup>
- Easily share resources – access and print with wireless and Ethernet networking.<sup>4</sup>
- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.<sup>5</sup>

### 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.<sup>6</sup>
- Quickly access and print documents and images on your smartphone, from Dropbox and Google Drive, using HP Smart app.<sup>6</sup>
- With HP Smart app, you can stay connected to your printer from virtually anywhere.<sup>6</sup> Get notifications when printing, scanning, or copying from your smartphone.<sup>6</sup>

### 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.<sup>8</sup>
- HP FSC®-certified paper is sustainably sourced from responsibly managed, renewable forest sources, which helps stop deforestation and protect wildlife.



<sup>1</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at [hp.com/go/mobileprinting](http://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. <sup>2</sup> Compared to in-class monochrome laser printers and MFPs: less than \$210 USD or 220K for single function or less than \$310 USD or 320K 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](http://www.keypointintelligence.com/HPFastestDuplex). <sup>3</sup> Wireless capabilities and 40-page automatic document feeder available only on selected models. <sup>4</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). <sup>5</sup> 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](http://hp.com/go/mobileprinting). Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®. <sup>6</sup> Requires the HP Smart app download. For details on local printing requirements see [www.hp.com/go/mobileprinting](http://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.hp.com/go/mobile-fax](http://www.hp.com/go/mobile-fax). <sup>7</sup> 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](http://hp.com/go/mobileprinting). Certain features/software are available in English language only. <sup>8</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. <sup>9</sup> 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](http://www.keypointintelligence.com/HPSmartApp)

## HP LaserJet MFP M234dw Printer Technical specifications

|  |   |
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| Functions                                      | Print, copy, scan   |
| Print speed black <sup>7, 8, 6</sup>           | Letter: Up to 30 ppm; First page out: As fast as 6.9 sec; Print speed duplex: 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 <sup>1,2</sup> | Automatic duplex printing, HP Auto-On/Auto-Off <sup>1</sup> , HP Smart App <sup>2</sup>   |
| Scan resolution                                | Hardware: 600 x 1200dpi   |
| Scan input modes                               | HP Smart App; and user applications via Twain   |
| Scan size maximum                              | Flatbed: 8.5 x 11.7 in / 216 x 297 mm   |
| Bit depth / Grayscale levels                   | 24-bit/256  |
| Digital sending standard features              | Not support   |
| Copy speed black                               | Copy speed: Up to 30 cpm; First copy out: As fast as 10 sec   |
| Copy resolution                                | Black (text and graphics): Up to 600 x 600 dpi  |
| Maximum number of copies                       | Up to 99 copies   |
| Copier settings                                | Number of Copies; Lighter/Darker; Optimize; Paper size/type   |
| Copier resize                                  | 25 to 400%  |
| Standard connectivity                          | 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              |
| Network capabilities                           | 1 Ethernet 10/100Base-TX; 1 built-in Wi-Fi 802.11b/g/n  |
| Wireless capability                            | Yes, built-in Wi-Fi 802.11b/g/n   |
| Mobile printing capability                     | Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing  |
| Memory   | Standard: 64 MB; Maximum: 64 MB   |
| Processor speed                                | 500 MHz   |
| Hard disk                                      | No  |
| Duty cycle                                     | Monthly, A4: Up to 20,000 pages   |
| Recommended monthly page volume                | 200 to 2,000  |
| 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  |

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|---|--|
| Paper handling                                    | <b>Input Capacities:</b> Up to 150 sheets; Up to 10 envelopes<br><b>Output Capacities:</b> Up to 100 sheets; Up to 10 envelopes<br><b>Duplex Options:</b> Auto-duplex<br><b>Envelope feeder:</b> NA<br><b>Standard paper trays:</b> 1  |
| What's in the box <sup>3</sup>                    | 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   |
| Page yield (set-up/inbox cartridges) <sup>5</sup> | M234/M235/M236/M237: 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: <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a> . Pages may vary based on customer printing conditions and usage. M233/M232: 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: <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a> . Pages may vary based on customer printing conditions and usage. |
| Replacement supplies <sup>4</sup>                 | HP 134A Black LaserJet Toner Cartridge, W1340A (~1100), HP 134X Black LaserJet Toner Cartridge, W1340X (~2400)   |
| Product dimensions                                | <b>W x d x h:</b> 14.49 x 11.76 x 9.52 in / 368.0 x 298.6 x 241.9 mm; <b>Maximum:</b> 14.49 x 16.52 x 17.18 in / 368.0 x 419.6 x 436.3 mm  |
| Product weight                                    | 16.76 lb / 7.6 kg  |
| Warranty features                                 | One-year limited warranty  |
| Ecolabels   | Blue Angel; EPEAT® Silver registered; 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                                     | Icon LCD; 3 lights (Media, Toner, Lid open); 10 buttons (Wi-Fi, Minus, Menu, Plus, Copy, ID copy, Info, Resume, Cancel, Power)   |
| Display description                               | 1.27" Icon LCD   |
| Software included                                 | Downloadable Software from <a href="http://hp.com">hp.com</a> or <a href="http://123.hp.com">123.hp.com</a> ; #CD include HP Software Installer, Uninstaller, printer driver and other essential tools   |
| 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                       | <b>PC:</b> Microsoft® Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer.; <b>Mac:</b> Apple® macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required   |
| Power   | <b>Power supply type:</b> Built-in 110V or 200V Power Supply; <b>Power requirements:</b> 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 4.8 A; 220-volt; <b>Power consumption:</b> 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); <b>Typical electricity consumption (TEC) number<sup>10</sup>:</b> 0.255 kWh/Week  |
| Acoustics   | <b>Acoustic power emissions:</b> 6.6 B(A)  |
| Operating environment                             | <b>Operating temperature range:</b> 59 to 90.5°F / 15 to 32.5°C; <b>Recommended operating temperature:</b> 63.5 to 77°F / 17.5 to 25°C; <b>Storage temperature range:</b> -4 to 140°F / -20 to 60°C; <b>Non-operating humidity range:</b> 10 to 90% RH; <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended humidity operating range:</b> 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  |

Learn more at  
[hp.com](http://hp.com)

<sup>1</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. <sup>2</sup> Requires the HP Smart app download. For details on local printing requirements see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Certain features/software are available in English language only. Wi-Fi is a registered trademark of Wi-Fi Alliance®. <sup>3</sup> 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. <sup>4</sup> 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>. <sup>5</sup> Approximate yield. Actual yield depends on printer and specific use. See <https://www.hp.com/go/pageyield> for more information. <sup>6</sup> 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. <sup>7</sup> 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. <sup>8</sup> 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. <sup>9</sup> Based on the Blue Angel TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. <sup>10</sup> 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. <sup>11</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

