



HP LaserJet MFP M234dwe Printer (6GW99E)



Overview

A compact mono printer with the fastest two-sided printing in its class[1] and the benefits of HP+.

A compact multifunction printer with the fastest two-sided printing in its class[1] and the time-saving HP Smart app.[2,3] Includes HP+, HP's smart printing system that comes with 6 free months of Instant Ink[7] and 1 extra year of HP warranty.[8]

Work fast. Work smart.

Speed through multipage documents with the fastest in-class two-sided printing speed.[1]

Never run out[10] and save up to 50% [11] with Instant Ink for laser printing

Never run out of toner for your laser printer. [10] Convenient toner replacements and smart delivery included.

HP+ Smart printing has arrived

This cloud-connected HP+ printer is smarter - it keeps itself up to date and ready to print. [6]

Stay productive from anywhere

Get high-quality scanning, and share to Dropbox, Google Drive, or email – from virtually anywhere.[2]

Features

Fastest in-class two-sided printing speed^[2]

Small size. Big performance.



Your reliable connection^[1]

Increase productivity



Seamless setup^[6]

Amazing scanning, now on your smartphone^[6]

[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 max monthly duty cycle of 20,000 or lower. Exact HP printer speeds vary depending on the system configuration, software application, drive, and document complexity. 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: keypointintelligence.com/HPFastestDuplex

[2] Requires the HP Smart app download. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>. Certain features/software are available in English language only, and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. See details at <http://www.hpsmart.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. After 2 years, monthly fee applies to continue advanced features with HP Smart Advance. HP Smart Advance is not available in all countries. For more information, see <http://www.hpsmart.com>.

[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 <http://www.hp.com/go/mobileprinting>.

[6] Utilizing technology in the HP+ system and compared to HP standard consumer printers without HP+. HP+ printers are ready when you are with improved connectivity utilizing Smart Driver and Print/Scan Doctor technology, more secure with Smart Security technology, more productive through HP Smart Advance features included for 2 years, and more sustainable by enabling Forest First printing and net-zero deforestation prints.

[7] Instant Ink sign up required. Instant Ink not available in all countries. Subject to monthly page limit of plan selected. Must complete Instant Ink signup within 7 days of setting up the printer with the HP-recommended setup process as indicated in the instructions that came with your printer. Unless service is cancelled within the promotional period online at <http://www.hpinstantink.com>, a monthly service fee, based on the plan chosen, plus tax and overage fees will be charged to your credit/debit card. Customer will be charged for any overage fees and applicable taxes at the end of each month in the promotional period. Use of in-box ink or toner cartridge is included in period of offer. One offer redeemable per printer. Included months offer with Instant Ink subject to change after 4.30.2022. Offer cannot be redeemed for cash. Setup Offer may be combined with other offers; see terms and conditions of the other offer for more

details. Requires a valid credit/debit card, an email address, and Internet connection to printer. See additional offer information available during online signup process. For service details, see <http://www.hpinstantink.com>.

[8] 2yrs HP Warranty in total. Refer to the documentation in the printer box for further information on HP warranty.

[10] Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.

[11] Based on monthly subscription cost for U.S. and Canada for toner HP Instant Ink 1,500 page plan vs. transactional cost per page of in-class monochrome A4 laser printers and MFPs < \$450 USD that use original, standard-capacity integrated cartridges (toner and drum in one cartridge). Buyers Lab April 2020 study commissioned by HP, based on research of publicly available information as of 04/24/2020. Printers selected by market share as reported by IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2019Q4 for U.S. and Canada. For details and latest report, see: <http://www.keypointintelligence.com/HPTonerService>.

Specifications

Print quality black (best)	Up to 600 x 600 dpi
Print speed black (ISO, A4)	Up to 29 ppm
Print speed black (ISO, letter)	Up to 30 ppm
Print speed	Print speed up to 30 ppm (black)
Bottom margin (A4)	6 mm
Left margin (A4)	5 mm
Right margin (A4)	5 mm
Top margin (A4)	6 mm
Functions	Print, copy, scan
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 20,000 pages
Duty cycle (monthly, letter)	Up to 20,000 pages
Printer smart software features	Automatic duplex printing, Instant-on Technology, HP Auto-On/Auto-Off[1], HP Smart App[2]
Scanner advanced features	No
Energy savings feature technology	HP Auto-On/Auto-Off Technology
Replacement cartridges	DM1: HP 134A Original Black LaserJet Toner Cartridge, W1340A (1100); HP 134X Original Black LaserJet Toner Cartridge, W1340X (2400); DM2: HP 135A Original Black LaserJet Toner Cartridge, W1350A (1100); HP 135X Original Black LaserJet Toner Cartridge, W1350X (2400) ^[4]
Supplies feature	HP JetIntelligence Cartridge
Connectivity, standard	Ethernet 10/100 Base-TX; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz
Connectivity, optional	No
Network capabilities	1 Ethernet 10/100Base-TX; 1 built-in Wi-Fi 802.11b/g/n
Wireless capability	1 built-in W-Fi 802.11b/g/n
Mobile printing capability	Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing
Network protocols, supported	TCP/IP: IPv4; IPv6; LPD; SLP; Bonjour; WS-Discovery; BOOTP/DHCP/AutoIP; SNMP v 1/2/3; HTTP/HTTPS; UDP; IPP
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

Compatible Operating Systems	Windows 11; Windows 10; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; Linux <i>(Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit), Windows 7, 8, 8.1. Full solution software available only for Windows 10 and newer; For Windows Server 2008 R2 64-bit, 2012 64-bit, 2012 R2 64-bit, 2016 64-bit only print driver is installed. Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software.)</i>
Technical features	AirPrint; Compact size; Ethernet; HP Auto-On/Auto-Off; JetIntelligence Toners; Professional print quality; Wireless Direct; Wireless; Scan-to-folder; Scan-to-email; Scan-to-cloud; Automatic two-sided printing
Sustainable impact specifications	Mercury free
Energy star certified	Yes
Ecolabels	ENERGY STAR® certified
Copy speed (black, normal quality, A4)	Up to 29 cpm
Copy speed black (normal, letter)	Up to 30 cpm
Faxing	No
Scan speed (normal, A4)	Up to 19 ppm (b&w), up to 10 ppm (color)
Scan file format	JPEG, TIFF, PDF, BMP, PNG
Scan input modes	Front-panel copy, HP Smart app, HP Scan SW, app through scan driver
Scan technology	CIS
Scanner type	Flatbed
Display area (imperial)	1.22 x 1.06 in
Display area (metric)	31 x 27 mm
Display	1.27" Icon LCD
Minimum dimensions (W x D x H)	368.0 x 298.6 x 241.9 mm
Minimum dimensions (W x D x H)	14.49 x 11.76 x 9.52 in
Weight	7.6 kg
Weight	16.76 lb
Power supply type	Built-in 110V or 200V Power Supply
What's in the box	HP LaserJet MFP M234dwe Printer; HP Black LaserJet Toner Cartridge (~700 pages); Dust Cover; Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord ^[3]
Manufacturer Warranty	Two-year limited warranty

Additional specifications

Acoustic power emissions (active, printing)	6.6 B(A)
Acoustic power emissions (ready)	2.5 B(A)
Acoustic power note	Configuration tested: simplex printing, A4 paper at an average of 29 ppm
Acoustic pressure emissions bystander (active, printing)	51 dB(A)
Acoustic pressure emissions bystander (ready)	16 dB(A)
Automatic paper sensor	Yes
Best technical electricity consumption (TEC) footnote	[9] Based on the Blue Angel TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
Bit depth	24-bit
Cable included	No, USB cable for all regions
Cartons per layer	8
Certifications and compliances	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, Chile, Argentina, Paraguay, Indonesia, Singapore, Philippines, etc.
Color or black	Black and white
Color scanning	Yes
Compatible Network Operating Systems	Windows 11; Linux
Connection type	Wireless
Control panel	Icon LCD; 3 lights (Media, Toner, Lid open); 10 buttons (Wi-Fi, Minus, Menu, Plus, Copy, ID copy, Info, Resume, Cancel, Power)
Copier settings	Number of Copies; Lighter/Darker; Optimize; Paper size/type
Copies, maximum	Up to 99 copies
Copy reduce / enlarge settings	25 to 200%
Copy resolution (black text)	Up to 600 x 600 dpi
Count of layers in pallet	6
Country of origin	Made in Vietnam
Downloadable software	From 123.hp.com: HP Smart for Windows 10, Mac, Mobile (Android and iOS); From hp.com: Full-solution software and drivers (with installer) and HP Easy Start; Product Documentation and Support; HP Print and Scan Doctor; From Mobile OS: See "HP Mobile Printing" (www.hp.com/go/mobileprinting); From In-OS app stores: HP Smart; HP Print Service Plugin; From hp.com for printer administrators: Linux Print Drivers; HP Web JetAdmin Software (HP SNMP Proxy Agent); Readiris Software.
Driver updates	www.hp.com/support/ljM232eMFP

Duplex ADF scanning	No
Electromagnetic compatibility	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
First copy out black (A4)	As fast as 10.3 sec
First copy out black (A4, sleep)	As fast as 10.4 sec
First copy out black (letter)	As fast as 10 sec
First copy out black (letter, sleep)	As fast as 10.1 sec
First page out black (A4, ready)	As fast as 7 sec
First page out black (A4, sleep)	As fast as 7.6 sec
First page out black (letter, ready)	As fast as 6.9 sec
First page out black (letter, sleep)	As fast as 7.5 sec
First page out footnote	[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.
Input capacity	Up to 150 sheets
Internal Storage	No
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	64 MB
Maximum dimensions (W x D x H)	368.0 x 419.6 x 436.3 mm
Maximum dimensions (W x D x H)	14.49 x 16.52 x 17.18 in
Maximum input capacity (sheets)	Up to 150 sheets
Maximum output capacity (sheets)	Up to 100 sheets
Maximum print area	216 x 354 mm
Media size, tray 1	A4; A5; A6; B5 (JIS); B6(JIS)
Media sizes supported	A4; A5; A6; B5 (JIS)
Media sizes supported	Letter, Legal, Executive, Envelopes
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes supported, key	A4; 10 x 15 cm; Envelopes
Media sizes, custom	4 x 6 to 8.5 x 14 in
Media sizes, custom	101.6 x 152.4 to 216 x 356 mm
Media type and capacity, tray 1	Sheets: 150; Envelopes: 10
Media types	Media Type: Paper (laser, plain, rough, vellum), Envelopes, Labels, Cardstock, Postcard

Media weight (tray 1)	60 to 163 g/m ²
Media weight, supported	60 to 163 g/m ²
Media weight, supported	16 to 43 lb
Memory	64 MB
Memory Slots	No
Memory card compatibility	No
Minimum System Requirements	Microsoft® Windows® 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection.
Minimum System Requirements for Macintosh	Apple® macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Mobile printing capability footnote	[5] Wi-Fi Direct® footnote: 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®. ^[5]
Model number	M234dwe
Native scan file format	PDF, JPG
Non-Operating Humidity Range	10 to 90% RH
Number of print cartridges	1 (black)
Number of users	1-5 Users
Operating humidity range	10 to 80% RH
Operating temperature range	59 to 90.5°F
Operating temperature range	15 to 32.5°C
Output capacity	Up to 100 sheets
Package dimensions (W x D x H)	497 x 298 x 388 mm
Package dimensions (W x D x H)	19.6 x 11.7 x 15.3 in
Package weight	21.1 lb
Package weight	9.6 kg
Page yield (set-up/inbox cartridges)	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.
Pallet dimensions	47.24 x 39.37 x 97.4 in
Pallet dimensions (W x D x H)	1200 x 1000 x 2474 mm
Pallet weight	1063.7 lb
Pallet weight	483.5 kg
Paper handling input, standard	150-sheet input tray
Paper handling output, standard	100-sheet output tray
Paper trays, maximum	1

Paper trays, standard	1
Power	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.
Print Technology	Laser
Print colors	No
Print languages	PCLmS, URF, PWG
Print quality black (normal)	600 x 400 dpi, 600 x 400 dpi
Print speed black (Landscape, A5)	Up to 29 ppm
Print speed black (Portrait, A5)	Up to 7 ppm
Print speed duplex (A4)	Up to 18 ipm
Print speed duplex (letter)	Up to 19 ipm
Print speed footnote (A5)	[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.
Print speed footnote number (A5)	[6]
Print technology	Laser
Printer Management	HP Printer Assistant (UDC); HP Device Toolbox
Printer smart software features footnote	[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 .
Processor speed	500 MHz
Product long name specifications	HP LaserJet MFP M234dwe Printer, Black and white Printer for Small Office, Print, copy, scan, Two-sided printing; Scan to email; Scan to PDF; JetIntelligence cartridge
Product short name specifications	HP LaserJet M234dwe Wireless Multifunction Black and white Printer, Copier, Scanner; Duplex
Quantity per pallet	48
RMN number	SHNGC-1901-01
Recommended media weight (duplex)	16 to 28 lb
Recommended media weight (duplex)	60 to 105 g/m ²

Recommended monthly page volume	200 to 2,000
Recommended monthly page volume note	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.
Recommended monthly scan volume	150 to 1,500
Recommended operating humidity range	30 to 70% RH
Recommended operating temperature range	17.5 to 25°C
Recommended operating temperature range	63.5 to 77°F
Replacement cartridges footnote	[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
Resolution	1200 dpi
Safety	EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013; IEC 60950-1:2005 +A1:2009+A2:2013; IEC/EN 62368-1:2014; CAN/CSA C22.2 No. 62368-1, 3rd Edition; UL62368-1, 3rd Edition; IEC 60825-1 3rd Edition (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; Compliance of IEC 60950-1 standard considers all country deviations according to the most recent IECEE CB Bulletin; Complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed.3., as described in Laser Notice No. 56, dated May 8, 2019
Scan resolution, hardware	600 x 600
Scan resolution, optical	Up to 600 dpi
Scan size, maximum	216 x 297 mm
Scan size, maximum	8.5 x 11.7 in
Scan speed footnote	[11] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
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
Segment (filter)	Home and home office
Software scan file format	JPEG, RAW(BMP), PNG, TIFF, PDF
Standard media sizes (duplex)	A4
Standard media sizes (duplex, imperial)	Letter
Standard output capacity (envelopes)	Up to 10 envelopes

Storage temperature range	-20 to 60°C
Storage temperature range	-4 to 140°F
Target user and print volume	For teams up to 5 users; Prints up to 2,000 pages/month
Tariff numbers	8443310000
Telecom compliance (fax capability)	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 / EN300 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
Top key features	HP+; Scan to email; Scan to PDF
Twain version	Version 2.1
Typical electricity consumption (TEC) footnote	[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.
Typical electricity consumption (TEC) number	0.255 kWh/Week ^[10]
UNSPSC code	43212110
UPC number	(ABY) 194850827730; (B19) 194850827754; (BAZ) 194850827761; (BGJ) 194850827747; (BGM) 194850827723
Warm-up time	As fast as 45 sec
Warranty	DM1: HP Commercial/Limited Warranty applicable only in the USA, CA, AU, and NZ. For details visit: www.hp.com/go/tonerwarranty . DM2: Only intended for sale and use in the EEA, CH, UK, and IL. HP Commercial Warranty only applicable in these listed countries/regions. For more information, visit: www.hp.com/go/tonerwarranty . EM1: Not intended for sale nor warrantied by HP in the USA, AU, NZ, EEA, CH, UK, IL, CN, and IN. HP Limited Warranty applies in all countries/regions EXCEPT those listed. For more information, visit: www.hp.com/go/tonerwarranty . EM2: Only intended for sale in China and India. HP Commercial Warranty only applicable in these listed countries/regions. For more information, visit: www.hp.com/go/tonerwarranty .
What is in the box footnote	[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.

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Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 134A Black Original LaserJet Toner Cartridge	W1340A
HP 134X High Yield Black Original LaserJet Toner Cartridge	W1340X
HP 135A Black Original LaserJet Toner Cartridge	W1350A
HP 135X High Yield Black Original LaserJet Toner Cartridge	W1350X

HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM, 20 lb, 11 x 17 in. (279 x 432 mm), 250 sheets	HPM1720P
HP MultiPurpose20TM, 20 lb, 8.5 x 11 in. (216 x 279 mm), 500 sheets	HPM1120R
HP MultiPurpose20TM, 20 lb, 8.5 x 14 in. (216 x 356 mm), 500 sheets	HPM1420P

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