HP LaserJet MFP M234sdn Printer (6GX00F)



Overview

Get fast two-sided printing,[4] smart setup and mobility solutions, [6] and MFP productivity.

A high-productivity MFP with the fastest two-sided printing in its class,[2] an automatic feeder, and the time-saving HP app.[6][7] Count on a worry-free experience with simplified setup.

Work fast. Work smart.

Speed through multipage documents with the fastest in-class two-sided printing speed.[2]

Easy to set up, easy to use

Get started fast with easy setup that guides you, step by step. Simply download the HP app, connect to a network, and share your printer across all your devices.[6]

Stay productive from anywhere

Get high-quality scanning, and share to Dropbox, Google Drive, email, or the cloud – from virtually anywhere – with HP app.[6]

Save energy and help reduce waste

This HP LaserJet meets ecolabel requirements, including ENERGY STAR® and BLUE ANGEL.

Features



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



Small size. Big performance.



Increase productivity



Seamless setup[6]



Amazing scanning, now on your smartphone[6]



Printing just got more productive[6]

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[2] 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.

[6] 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. 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 http://123.hp.com .

[7] Based on internal HP testing. Average timing estimate based on: 1) downloaded HP 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 app download and supported HP printer. For details on local printing requirements see hp.com/go/mobileprinting . Certain features/software are available in English language only.

Specifications

Print Resolution Black (best)	Up to 600 x 600 dpi
Print Speed Black (normal, A4)	Up to 29 ppm
Print Speed Black (normal, letter)	Up to 30 ppm
Print Speed	Print speed up to 30 ppm (black)
Print Margin Bottom (A4)	6 mm
Print Margin Left (A4)	5 mm
Print Margin Right (A4)	5 mm
Print Margin Top (A4)	6 mm
AIO Functions	Print, copy, scan
Duplex Print Options	Auto-duplex
Duty Cycle (monthly, A4)	Up to 20,000 pages
Printer Smart Software Features	Automatic duplex printing, HP Auto-On/Auto-Off[1], HP app[2][1,2]
Energy Savings Feature Technology	HP Auto-on/Auto-off Technology
Replacement Cartridges	Regular Replacement Cartridge for DM1: HP 134A Black LaserJet Toner Cartridge, W1340A (~1100), HP 134X Black LaserJet Toner Cartridge, W1340X (~2400); Regular Replacement Cartridge for DM2: HP 135A Black LaserJet Toner Cartridge, W1350A (~1100), HP 135X Black LaserJet Toner Cartridge, W1350X (~2400); Regular Replacement Cartridge for RoEM: HP 136A Black LaserJet Toner Cartridge, W1360A (~1150), HP 136X Black LaserJet Toner Cartridge, W1360X (~2600); Regular Replacement Cartridge for China & India: HP 137A Black LaserJet Toner Cartridge, W1370A (~1150), HP 137X Black LaserJet Toner Cartridge, W1370X (~2600)[4]
Supplies Feature	HP JetIntelligence Cartridge
Connectivity, Std	1 Hi-Speed USB 2.0; 1 Fast Ethernet 10/100Base-TX
Network Capabilities	1 Ethernet 10/100Base-TX
Mobile Printing Capability	Apple AirPrint™; Mopria™ certified; HP app
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; Windows 8; Windows 8.1; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; macOS 15 Sequoia; Linux *(Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit) 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.)*

Technical Features	AirPrint; Automatic two-sided printing; Compact size; HP Auto-On/Auto-Off; JetIntelligence Toners; Scan-to-cloud; Scan-to-email; Scan-to-folder; ADF; Ethernet
Sustainability Specifications	Mercury free
Energy Star Certified	No
Ecolabels (fixed)	Blue Angel
Blue Angel Compliance	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Copy Speed Black (normal A4)	Up to 29 cpm
Copy Speed Black (normal, letter)	Up to 30 cpm
Copy Speed Black Duplex (A4)	Up to 18 cpm
Copy Speed Black Duplex (Letter)	Up to 19 cpm
Fax	No
Scan Speed (normal, A4)	Up to 19 ppm (b&w), up to 10 ppm (color)
Scan Speed (normal, letter)	Up to 20 ppm (b&w), up to 11 ppm (color)
Scan File Format	JPEG, TIF, PDF, BMP, PNG
Scan Input Modes	HP app; and user applications via Twain
Scan Type	Flatbed, ADF
Display Area (imperial)	1.4 x 1.3 in
Display Area (metric)	35.5 x 33 mm
Display Description	1.6" Icon LCD
Product Dimensions W x D x H (metric)	418.0 x 308.0 x 294.4 mm
Product Dimensions W x D x H (imperial)	16.46 x 12.13 x 11.59 in
Weight (metric)	9.5 kg
Weight (imperial)	20.95 lb
Power Consumption Description	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) *(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.)*
Power Supply Type	Built-in 110V or 200V Power Supply
What Is In The Box	HP LaserJet MFP M234sdn Printer; HP Black LaserJet Toner Cartridge (~700 pages); Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord[3]
Manufacturer Warranty	One-year limited warranty

Additional specifications

ADF Capacity (filter)	40
Acoustic Power Emissions (active scan)	6.1 B(A)
Acoustic Power Emissions (active, printing)	6.6 B(A)
Acoustic Power Emissions (ready)	2.6 B(A)
Acoustic Power Note	Configuration tested: simplex printing, A4 paper at an average of 29 ppm
Acoustic Pressure Emissions Bystander (active scan)	45 dB(A)
Acoustic Pressure Emissions Bystander (active, printing)	51 dB(A)
Acoustic Pressure Emissions Bystander (ready)	16 dB(A)
Auto Document Feeder Capacity	Standard, 40 sheets
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
Business Filter	cMPS
Cartons Per Layer	6
Certifications and Compliances	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.
Color Scanning	Yes
Color or Black (filter)	Black and white
Compatible Network Operating Systems	Windows 11; Windows Server; macOS 15 Sequoia; Linux
Component Type	Printer
Control Panel	Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 9 buttons (Power, Info, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)
Copier Reduce/enlarge	25 to 400%
Copier Scaling (ADF)	25 to 400%
Copier Settings	Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type. It supports collation and single-sided on ADF bundles.
Copy Resolution, Black Text	Up to 600 x 600 dpi
Count of Layers In Pallet	5

Downloadable Software	From 123.hp.com: HP app 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 app; 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	123.hp.com
Duplex ADF Scanning	No
Duty Cycle Note	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.
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.
Engine life	20000
Envelope Feeder	NA
First Copy Out Black (A4)	As fast as 8 sec
First Copy Out Black (A4, sleep)	As fast as 8.1 sec
First Copy Out Black (letter)	As fast as 7.7 sec
First Copy Out Black (letter, sleep)	As fast as 7.8 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.
Grayscale Levels	256
Hard Disk	No
In Box Cable	No, USB cable for all regions
Input Capacity, Max	Up to 150 sheets
Input Capacity, Max, Envelopes	Up to 10 envelopes
Input Capacity, Std	Up to 150 sheets
Key Media Sizes Supported (imperial)	4 x 6 in; Letter; Legal; Envelopes
Key Media Sizes Supported (metric)	10 x 15 cm; A4; Envelopes
Mac Compatible	Yes

Max Dimensions W x D x H (imperial)	16.46 x 18.41 x 17.83 in
Max Dimensions W x D x H (metric)	418.0 x 467.6 x 452.8 mm
Max Number Of Copies	Up to 99 copies
Maximum Memory	64 MB
Media Size, ADF	A4, A5, B4, B5, Letter, Legal
Media Size, Tray 1 (metric)	A4; A5; A6; B5 (JIS)
Media Sizes Custom (imperial)	4 x 6 to 8.5 x 14 in
Media Sizes Custom (metric)	101.6 x 152.4 to 216 x 356 mm
Media Type and Capacity Tray 1	Sheets: 150; Envelopes: 10
Media Types	Paper (laser, plain, rough, vellum), Envelopes, Labels, Cardstock, Postcard
Media Weights Supported, ADF (imperial)	16 to 24 lb
Media Weights Supported, ADF (metric)	60 to 90 g/m²
Media Weights Supported, By Paper Path (Imperial)	16 to 43 lb
Media Weights Supported, By Paper Path (metric)	60 to 163 g/m²
Media Weights Supported, Tray 1 (metric)	60 to 163 g/m²
Memory Card Compatibility	No
Memory Slots	No
Memory Upgrade	No
Model Number	M234sdn
Native Scan File Format	JPG; PDF
Non-operating Humidity Range	10 to 90% RH
Number of Simultaneous Users (local + network)	1-5 Users
Operating Humidity Range	10 to 80% RH
Operating Humidity Range (recommended)	30 to 70% RH
Operating Temperature Range (celsius)	15 to 32.5ºC
Operating Temperature Range (fahrenheit)	59 to 90.5ºF
Operating Temperature Range (recommended celsius)	17.5 to 25ºC
Operating Temperature Range (recommended fahrenheit)	63.5 to 77ºF
Output Capacity, Max	Up to 100 sheets

Output Capacity, Std	Up to 100 sheets
Output Capacity, Std, Envelopes	Up to 10 envelopes
Package Dimensions W x D x H (imperial)	19.6 x 11.5 x 16.1 in
Package Dimensions W x D x H (metric)	497 x 379 x 409 mm
Package Weight (imperial)	27.44 lb
Package Weight (metric)	12.45 kg
Page Yield (set-up/inbox cartridges)	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: http://www.hp.com/go/toneryield. 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: http://www.hp.com/go/toneryield. Pages may vary based on customer printing conditions and usage.
Page Yield Footnote	[5] Approximate yield. Actual yield depends on printer and specific use. See http://www.hp.com/go/pageyield for more information.
Pallet Dimensions (imperial)	47.24 x 39.37 x 86.46 in
Pallet Dimensions W x D x H (metric)	1200 x 1000 x 2196 mm
Pallet Weight (imperial)	868.5 lb
Pallet Weight (metric)	393.95 kg
Paper Handling Standard/input	150-sheet input tray
Paper Handling Standard/output	100-sheet output tray
Paper Trays, Maximum	1
Paper Trays, Standard	1
Power Supply Required	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
Print Cartridges/Bottle, Number	1 (black)
Print Colors	No
Print Languages, Standard	PCLmS; URF; PWG
Print Resolution Black (normal)	600 x 400 dpi, 600 x 600 dpi
Print Speed Black (Landscape, A5)	Up to 29 ppm
Print Speed Black (Portrait, A5)	Up to 7 ppm
Print Speed Black Duplex (A4)	Up to 18 ipm
Print Speed Black 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
Printable Area Maximum (metric)	216 x 354 mm
Printer Black Pages (MPV Black)	225
Printer Color Pages (MPV Color)	150
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 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. 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: http://123.hp.com .
Processor Speed	500 MHz
Product Long Name Specifications	HP LaserJet MFP M234sdn Printer, Black and white Printer for Small Office, Print, copy, scan, Scan to email; Scan to PDF
Product Short Name Specifications	HP LaserJet M234sdn Multifunction Black and white Printer, Ethernet Only; Copier, Scanner
Quantity Per Pallet	30
RMN Number	SHNGC-1901-00
Recommended Media Weight (duplex, imperial)	16 to 28 lb
Recommended Media Weight (duplex, metric)	60 to 105 g/m²
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 1500
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
Safety Approvals and Requirements	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/EN 60825-1 3rd Edition; EN 62479:2010 / IEC 62479:2010
Scan Resolution, Hardware	600 x 600 dpi
Scan Resolution, Optical	Up to 600 dpi
Scan Size Maximum (ADF, Imperial)	8.5 x 14 in

Scan Size Maximum (ADF,metric)	216 x 356 mm
Scan Size Maximum (flatbed, imperial)	8.5 x 11.7 in
Scan Size Maximum (flatbed, metric)	216 x 297 mm
Scan Size Minimum (ADF, imperial)	5.8 x 8.3 in
Scan Size Minimum (ADF, metric)	148 x 210 mm
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)	Small office
Software Scan File Format	JPEG, RAW(BMP), PNG, TIFF, PDF
Standard Media Sizes (duplex, Imperial)	Letter
Standard Media Sizes (duplex, metric)	A4
Standard Media Sizes Supported (imperial)	Letter, Legal, Executive, Envelopes
Standard Media Sizes Supported (metric)	A4; A5; A6; B5 (JIS)
Standard Memory	64 MB
Storage Temperature Range (celsius)	-20 to 60°C
Storage Temperature Range (fahrenheit)	-4 to 140°F
System Requirements, Macintosh, Minimum	Apple® macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
System Requirements, Minimum	Microsoft® Windows® 10, 8.1, 8, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer.
Target Number of Users and Print Volume	For teams up to 5 users; Prints up to 20,000 pages/month
Tariff Numbers	8443310000
Technology	Laser
Telecom Compliance Certifications	NA, without wireless module.
Top Key Features	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	0.684 kWh/Week (Blue Angel)[10]
UNSPSC Code	43212110
UPC Number	(ABT) 194850889479; (B19) 194850889486
Warm-up Time	As fast as 45 sec
Warranty Standard Statement	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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[1] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

[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. 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: http://123.hp.com .

[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.

[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

[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 115 V device.

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 137A Black Original LaserJet Toner Cartridge	**W1370A ★**
HP 137X High Yield Black Original LaserJet Toner Cartridge	**W1370X ★**
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 136A Black Original LaserJet Toner Cartridge	W1360A
HP 136X High Yield Black Original LaserJet Toner Cartridge	W1360X

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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