



Overview

Get wireless two-sided printing,[4] smart mobility and MFP solutions,[6] and the benefits of HP+.

A high-productivity MFP with the fastest two-sided printing in its class,[2] an automatic feeder, and the time-saving HP Smart app. [6,7] Get printing that gives you more.[8] Count on more reliable connections and a worry-free experience.[1]

Work fast. Work smart.

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

HP+ - printing made brilliantly simple

With HP+ get fewer printer interruptions with new connected cloud that automatically detects and fixes connectivity issues. [13]

Stay productive from anywhere

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

Investing in forests with every print. [12]

With HP+, your printer supports Forest First sustainable printing.[12] For every page printed, we invest in the protection and management of healthy forests.[12]

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] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at 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.

[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.

[4] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting.

[6] 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.

[7] 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. Certain features/software are available in English language only.

[8] 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 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 cartridge is included in period of offer. One offer redeemable per printer. Free months offer with Instant Ink subject to change after 10.31.2021. 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 www.hpinstantink.com.

[12] See additional details at https://www8.hp.com/us/en/hp-information/sustainable-impact. Investment includes NGO partnerships targeted to protect forests, improve responsible forest management and help develop Science Based Targets (SBT) for responsible management of forests.

[13] Improved printer connectivity utilizing Smart Driver and Print/Scan Doctor technology in the HP+ system, versus HP consumer printers without HP+.

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)
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	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
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-iFi 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	Microsoft [®] Windows [®] 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft [®] Internet Explorer. Apple [®] macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required; Linux (For more information, see https://developers.hp.com/hp- linux-imaging-and-printing) (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.)
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
Copy speed black duplex (A4)	Up to 18 cpm
Copy speed black duplex (Letter)	Up to 19 cpm
Faxing	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, 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, ADF
Display area (imperial)	1.4 x 1.3 in
Display area (metric)	35.5 x 33 mm
Display	1.6" Icon LCD
Minimum dimensions (W x D x H)	418.0 x 308.0 x 294.4 mm
Minimum dimensions (W x D x H)	16.46 x 12.13 x 11.59 in
Weight	9.5 kg
Weight	20.95 lb
Power consumption	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's in the box	HP LaserJet MFP M234sdwe Printer; HP Black LaserJet Toner Cartridge (~700 pages); Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord ^[3]
Manufacturer Warranty	Two-year limited warranty

Additional specifications

ADF Capacity	Up to 40-sheet
Acoustic power emissions (active scan)	6.1 B(A)
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 scan)	45 dB(A)
Acoustic pressure emissions bystander (active, printing)	51 dB(A)
Acoustic pressure emissions bystander (ready)	16 dB(A)
Automatic 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
Bottom margin (A4)	6 mm
Cable included	No, USB cable for all regions
Cable included Certifications and compliances	No, USB cable for all regions 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.
	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,
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.
Certifications and compliances Color scanning Compatible Network Operating	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. Yes Linux (For more information see http://developers.hp.com/hp-linux-
Certifications and compliances Color scanning Compatible Network Operating Systems	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. Yes Linux (For more information see http://developers.hp.com/hp-linux- imaging-and-printing) Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons
Certifications and compliances Color scanning Compatible Network Operating Systems Control panel	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. Yes Linux (For more information see http://developers.hp.com/hp-linux- imaging-and-printing) Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)
Certifications and compliancesColor scanningCompatible Network Operating SystemsControl panelCopier scaling (ADF)	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. Yes Linux (For more information see http://developers.hp.com/hp-linux- imaging-and-printing) Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy) 25 to 400% Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper
Certifications and compliancesColor scanningCompatible Network Operating SystemsControl panelCopier scaling (ADF)Copier settings	 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. Yes Linux (For more information see http://developers.hp.com/hp-linux- imaging-and-printing) Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy) 25 to 400% Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type . It supports collation and two-sided on ADF bundles.
Certifications and compliances Color scanning Compatible Network Operating Systems Control panel Copier scaling (ADF) Copier settings Copies, maximum	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.YesLinux (For more information see http://developers.hp.com/hp-linux- imaging-and-printing)Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)25 to 400%Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type. It supports collation and two-sided on ADF bundles.Up to 99 copies
Certifications and compliances Color scanning Compatible Network Operating Systems Control panel Copier scaling (ADF) Copier settings Copies, maximum Copy reduce / enlarge settings	 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. Yes Linux (For more information see http://developers.hp.com/hp-linux- imaging-and-printing) Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy) 25 to 400% Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type . It supports collation and two-sided on ADF bundles. Up to 99 copies 25 to 200%
Certifications and compliances Color scanning Compatible Network Operating Systems Control panel Copier scaling (ADF) Copier settings Copies, maximum Copy reduce / enlarge settings Copy resolution (black text)	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.YesLinux (For more information see http://developers.hp.com/hp-linux- imaging-and-printing)Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)25 to 400%Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type . It supports collation and two-sided on ADF bundles.Up to 99 copies25 to 200%Up to 600 x 600 dpi

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
Dynamic security	Dynamic security enabled printer
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 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.
First page out footnote Input capacity	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document
	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
Input capacity	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Up to 150 sheets
Input capacity Internal Storage	 http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Up to 150 sheets No
Input capacity Internal Storage Left margin (A4)	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.Up to 150 sheetsNo5 mm
Input capacity Internal Storage Left margin (A4) Levels of grayscale	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.Up to 150 sheetsNo5 mm256
Input capacity Internal Storage Left margin (A4) Levels of grayscale Mac compatible Maximum Input Capacity	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.Up to 150 sheetsNo5 mm256Yes
Input capacity Internal Storage Left margin (A4) Levels of grayscale Mac compatible Maximum Input Capacity (envelopes)	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.Up to 150 sheetsNo5 mm256YesUp to 10 envelopes
Input capacity Internal Storage Left margin (A4) Levels of grayscale Mac compatible Maximum Input Capacity (envelopes) Maximum Memory	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.Up to 150 sheetsNo5 mm256YesUp to 10 envelopes64 MB
Input capacityInternal StorageLeft margin (A4)Levels of grayscaleMac compatibleMaximum Input Capacity (envelopes)Maximum MemoryMaximum dimensions (W x D x H)	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.Up to 150 sheetsNo5 mm256YesUp to 10 envelopes64 MB16.46 x 18.41 x 17.83 in
Input capacity Internal Storage Left margin (A4) Levels of grayscale Mac compatible Maximum Input Capacity (envelopes) Maximum Memory Maximum dimensions (W x D x H) Maximum dimensions (W x D x H)	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.Up to 150 sheetsNo5 mm256YesUp to 10 envelopes64 MB16.46 x 18.41 x 17.83 in418.0 x 467.6 x 452.8 mm
Input capacity Internal Storage Left margin (A4) Levels of grayscale Mac compatible Maximum Input Capacity (envelopes) Maximum Memory Maximum dimensions (W x D x H) Maximum input capacity (sheets)	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.Up to 150 sheetsNo5 mm256VesUp to 10 envelopes64 MB16.46 x 18.41 x 17.83 in418.0 x 467.6 x 452.8 mmUp to 150 sheets
Input capacity Internal Storage Internal Storage Left margin (A4) Levels of grayscale Mac compatible Maximum Input Capacity (envelopes) Maximum Memory Maximum dimensions (W x D x H) Maximum input capacity (sheets) Maximum output capacity (sheets)	http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.Up to 150 sheetsNo5 mm256YesUp to 10 envelopes64 MB16.46 x 18.41 x 17.83 in418.0 x 467.6 x 452.8 mmUp to 150 sheetsUp to 150 sheetsUp to 100 sheets

Media sizes supported	Letter, Legal, Executive, Envelopes
Media sizes supported	A4; A5; A6; B5 (JIS)
Media sizes supported, key	A4; 10 x 15 cm; Envelopes
Media sizes supported, key	4 x 6 in; Letter; Legal; 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/m²
Media weight, supported	60 to 163 g/m²
Media weight, supported	16 to 43 lb
Media weights, supported ADF	60 to 90 g/m²
Media weights, supported ADF	16 to 24 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]
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 90.5ºF
Operating temperature range	15 to 32.5ºC
Output capacity	Up to 100 sheets
Package dimensions (W x D x H)	497 x 379 x 409 mm
Package dimensions (W x D x H)	19.6 x 11.5 x 16.1 in
Package weight	27.44 lb
Package weight	12.45 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 86.46 in
Pallet dimensions (W x D x H)	1200 x 1000 x 2196 mm
Pallet weight	393.95 kg
Pallet weight	868.5 lb
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 M234sdwe Printer with 6 months free toner through HP Plus
Quantity per pallet	30
RMN number	SHNGC-1901-01
Recommended media weight (duplex)	60 to 105 g/m²
Recommended media weight (duplex)	16 to 28 lb
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 25⁰C
Recommended operating temperature range	63.5 to 77ºF
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
Right margin (A4)	5 mm
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 (ADF), maximum	216 x 356 mm
Scan size (ADF), maximum	8.5 x 14 in
Scan size (ADF), minimum	148 x 210 mm
Scan size (ADF), minimum	5.8 x 8.3 in
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
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	-4 to 140ºF
Storage temperature range	-20 to 60ºC
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	Scan to email; Scan to PDF; Compact Size; Fast 2 sided printing; Energy Efficient; Dualband Wi-Fi; 40-sheet ADF
Top margin (A4)	6 mm
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	0.256 kWh/Week (Energy Star) ^[10]
UPC number	(ABT) 194850889509; (ABY) 194850889516; (B19) 194850889523; (BAZ) 194850889530; (BGJ) 194850889547; (BGM) 194850889554
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.

[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.

[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

[5] Wi-Fi Direct® footnote: Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Directsupported AiO or printer prior to printing. Details at hp.com/go/mobileprinting. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

[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.

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

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HP Black and White Laser Toner Printer Cartridges

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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

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