



# HP LaserJet MFP M234sdw Printer (6GX01F)



## Overview

**Get wireless two-sided printing,[1] smart setup and mobility solutions,[2] 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 Smart app. [6,7] Count on peace of mind from more reliable connections,[1] and 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 Smart 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 Smart app.[6]

### Help make a positive impact on the environment

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

## Features



Fastest in-class two-sided printing speed<sup>[2]</sup>

Small size. Big performance.



Your reliable connection<sup>[1]</sup>

Increase productivity



Seamless setup<sup>[6]</sup>

Amazing scanning, now on your smartphone<sup>[6]</sup>

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[1] 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.

[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](http://www.keypointintelligence.com/HPFastestDuplex).

[6] 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.hpsmart.com/mobile-fax](http://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](http://hp.com/go/mobileprinting). Certain features/software are available in English language only.

## Specifications

<b>Print quality black (best)</b>	Up to 600 x 600 dpi
<b>Print speed black (ISO, A4)</b>	Up to 29 ppm
<b>Print speed black (ISO, letter)</b>	Up to 30 ppm
<b>Print speed</b>	Print speed up to 30 ppm (black)
<b>Bottom margin (A4)</b>	6 mm
<b>Left margin (A4)</b>	5 mm
<b>Right margin (A4)</b>	5 mm
<b>Top margin (A4)</b>	6 mm
<b>Functions</b>	Print, copy, scan
<b>Duplex printing</b>	Auto-duplex
<b>Duty cycle (monthly, A4)</b>	Up to 20,000 pages
<b>Printer smart software features</b>	Automatic duplex printing, HP Auto-On/Auto-Off <sup>[1]</sup> , HP Smart App <sup>[2]</sup> <sup>[1,2]</sup>
<b>Energy savings feature technology</b>	HP Auto-on/Auto-off Technology
<b>Replacement cartridges</b>	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) <sup>[4]</sup>
<b>Supplies feature</b>	HP JetIntelligence Cartridge
<b>Connectivity, standard</b>	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
<b>Network capabilities</b>	1 Ethernet 10/100Base-TX; 1 built-in Wi-Fi 802.11b/g/n
<b>Wireless capability</b>	Yes, built-in Wi-Fi 802.11b/g/n
<b>Mobile printing capability</b>	Apple AirPrint™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct Printing
<b>Network protocols, supported</b>	TCP/IP: IPv4; IPv6; LPD; SLP; Bonjour; WS-Discovery; BOOTP/DHCP/AutoIP; SNMP v 1/2/3; HTTP/HTTPS; UDP; IPP
<b>Software included</b>	No CD inbox (expect Indonesia and China Gov); 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

<b>Compatible Operating Systems</b>	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  <i>(Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit) Full solution software available only for Windows 7 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 &amp; 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software.)</i>
<b>Technical features</b>	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; Wireless Direct; Wireless
<b>Sustainable impact specifications</b>	Mercury free
<b>Energy star certified</b>	Yes
<b>Ecolabels</b>	Blue Angel; ENERGY STAR® certified
<b>Blue Angel compliant</b>	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
<b>Copy speed (black, normal quality, A4)</b>	Up to 29 cpm
<b>Copy speed black (normal, letter)</b>	Up to 30 cpm
<b>Copy speed black duplex (A4)</b>	Up to 18 cpm
<b>Copy speed black duplex (Letter)</b>	Up to 19 cpm
<b>Faxing</b>	No
<b>Scan speed (normal, A4)</b>	Up to 19 ppm (b&w), up to 10 ppm (color)
<b>Scan speed (normal, letter)</b>	Up to 20 ppm (b&w), up to 11 ppm (color)
<b>Scan file format</b>	JPEG, TIF, PDF, BMP, PNG
<b>Scan input modes</b>	HP Smart App; and user applications via Twain
<b>Scanner type</b>	Flatbed, ADF
<b>Display area (imperial)</b>	1.4 x 1.3 in
<b>Display area (metric)</b>	35.5 x 33 mm
<b>Display</b>	1.6" Icon LCD
<b>Minimum dimensions (W x D x H)</b>	418.0 x 308.0 x 294.4 mm
<b>Minimum dimensions (W x D x H)</b>	16.46 x 12.13 x 11.59 in
<b>Weight</b>	9.5 kg
<b>Weight</b>	20.95 lb
<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)  <i>(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.)</i>
<b>Power supply type</b>	Built-in 110V or 200V Power Supply

**What's in the box**

HP LaserJet MFP M234sdw Printer; HP Black LaserJet Toner Cartridge (~700 page); Reference Guide; Setup Poster; Warranty Guide & Flyer in some countries; Power cord<sup>[3]</sup>

**Manufacturer Warranty**

One-year limited warranty

## Additional specifications

<b>ADF Capacity</b>	40
<b>Acoustic power emissions (active scan)</b>	6.1 B(A)
<b>Acoustic power emissions (active, printing)</b>	6.6 B(A)
<b>Acoustic power emissions (ready)</b>	2.6 B(A)
<b>Acoustic power note</b>	Configuration tested: simplex printing, A4 paper at an average of 29 ppm
<b>Acoustic pressure emissions bystander (active scan)</b>	45 dB(A)
<b>Acoustic pressure emissions bystander (active, printing)</b>	51 dB(A)
<b>Acoustic pressure emissions bystander (ready)</b>	16 dB(A)
<b>Automatic document feeder capacity</b>	Standard, 40 sheets
<b>Automatic paper sensor</b>	Yes
<b>Best technical electricity consumption (TEC) footnote</b>	[9] Based on the Blue Angel TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
<b>Bit depth</b>	24-bit
<b>Business filter</b>	cMPS
<b>Cable included</b>	No, USB cable for all regions
<b>Cartons per layer</b>	6
<b>Certifications and compliances</b>	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.
<b>Color or black</b>	Black and white
<b>Color scanning</b>	Yes
<b>Compatible Network Operating Systems</b>	Windows 11; Windows Server; Linux
<b>Component type</b>	Printer
<b>Connection type</b>	Wireless
<b>Control panel</b>	Icon LCD; 5 lights (Status, Media, Attention, Toner, Lid open); 10 buttons (Power, Info, Wi-Fi, Resume, Cancel, Plus, Menu, Minus, Copy, ID copy)
<b>Copier scaling (ADF)</b>	25 to 400%
<b>Copier settings</b>	Reduce/Enlarge; Number of Copies; Lighter/Darker; Optimize; Paper size/type. It supports collation and single-sided on ADF bundles.
<b>Copies, maximum</b>	Up to 99 copies
<b>Copy reduce / enlarge settings</b>	25 to 400%

<b>Copy resolution (black text)</b>	Up to 600 x 600 dpi
<b>Count of layers in pallet</b>	5
<b>Country of origin</b>	Made in Vietnam
<b>Downloadable software</b>	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.
<b>Driver updates</b>	123.hp.com
<b>Duplex ADF scanning</b>	No
<b>Duty cycle note</b>	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.
<b>Dynamic security</b>	Dynamic security enabled printer
<b>Electromagnetic compatibility</b>	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.
<b>Engine life</b>	20000
<b>Envelope Feeder</b>	NA
<b>First copy out black (A4)</b>	As fast as 8 sec
<b>First copy out black (A4, sleep)</b>	As fast as 8.1 sec
<b>First copy out black (letter)</b>	As fast as 7.7 sec
<b>First copy out black (letter, sleep)</b>	As fast as 7.8 sec
<b>First page out black (A4, ready)</b>	As fast as 7 sec
<b>First page out black (A4, sleep)</b>	As fast as 7.6 sec
<b>First page out black (letter, ready)</b>	As fast as 6.9 sec
<b>First page out black (letter, sleep)</b>	As fast as 7.5 sec
<b>First page out footnote</b>	[8] Measured using ISO/IEC 17629. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
<b>Input capacity</b>	Up to 150 sheets
<b>Internal Storage</b>	No
<b>Levels of grayscale</b>	256
<b>Mac compatible</b>	Yes
<b>Maximum Input Capacity (envelopes)</b>	Up to 10 envelopes
<b>Maximum Memory</b>	64 MB

<b>Maximum dimensions (W x D x H)</b>	16.46 x 18.41 x 17.83 in
<b>Maximum dimensions (W x D x H)</b>	418.0 x 467.6 x 452.8 mm
<b>Maximum input capacity (sheets)</b>	Up to 150 sheets
<b>Maximum output capacity (sheets)</b>	Up to 100 sheets
<b>Maximum print area</b>	216 x 354 mm
<b>Media size (ADF)</b>	A4, A5, B4, B5, Letter, Legal
<b>Media size, tray 1</b>	A4; A5; A6; B5 (JIS)
<b>Media sizes supported</b>	Letter, Legal, Executive, Envelopes
<b>Media sizes supported</b>	A4; A5; A6; B5 (JIS)
<b>Media sizes supported, key</b>	10 x 15 cm; A4; Envelopes
<b>Media sizes supported, key</b>	4 x 6 in; Letter; Legal; Envelopes
<b>Media sizes, custom</b>	4 x 6 to 8.5 x 14 in
<b>Media sizes, custom</b>	101.6 x 152.4 to 216 x 356 mm
<b>Media type and capacity, tray 1</b>	Sheets: 150; Envelopes: 10
<b>Media types</b>	Paper (laser, plain, rough, vellum), Envelopes, Labels, Cardstock, Postcard
<b>Media weight (tray 1)</b>	60 to 163 g/m <sup>2</sup>
<b>Media weight, supported</b>	16 to 43 lb
<b>Media weight, supported</b>	60 to 163 g/m <sup>2</sup>
<b>Media weights, supported ADF</b>	16 to 24 lb
<b>Media weights, supported ADF</b>	60 to 90 g/m <sup>2</sup>
<b>Memory</b>	64 MB
<b>Memory Slots</b>	No
<b>Memory card compatibility</b>	No
<b>Memory upgrade</b>	No
<b>Minimum System Requirements</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>Minimum System Requirements for Macintosh</b>	Apple® macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required

<b>Mobile printing capability footnote</b>	Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <a href="http://hp.com/go/mobileprinting">hp.com/go/mobileprinting</a> . Apple Airprint -Mobile device must have AirPrint®. Wi-Fi Direct® printing- Feature is supported on select printers. Mobile device needs to be connected directly to the signal of a Wi-Fi Direct® supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see <a href="http://hp.com/go/mobileprinting">hp.com/go/mobileprinting</a> . Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®. The Mopria® Logo is a registered and/or unregistered trademark of Mopria Alliance, Inc. in the United States and other countries. unauthorised use is strictly prohibited. Requires the HP Smart app download. For details on local printing requirements see <a href="http://hp.com/go/mobileprinting">hp.com/go/mobileprinting</a> . Certain features/software are available in English language only, and differ between desktop and mobile applications. Internet access required and must be purchased separately. HP account required for full functionality. Fax capabilities are for sending a fax only, and may require additional purchase. For more information, see: <a href="http://hpsmart.com/mobile-fax">hpsmart.com/mobile-fax</a> .
<b>Model number</b>	M234sdw
<b>Native scan file format</b>	JPG; PDF
<b>Non-Operating Humidity Range</b>	10 to 90% RH
<b>Number of print cartridges</b>	1 (black)
<b>Number of users</b>	1-5 Users
<b>Operating humidity range</b>	10 to 80% RH
<b>Operating temperature range</b>	15 to 32.5°C
<b>Operating temperature range</b>	59 to 90.5°F
<b>Output capacity</b>	Up to 100 sheets
<b>Package dimensions (W x D x H)</b>	19.6 x 11.5 x 16.1 in
<b>Package dimensions (W x D x H)</b>	497 x 379 x 409 mm
<b>Package weight</b>	12.45 kg
<b>Package weight</b>	27.44 lb
<b>Page yield (set-up/inbox cartridges)</b>	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.
<b>Page yield footnote</b>	[5] Approximate yield. Actual yield depends on printer and specific use. See <a href="http://www.hp.com/go/pageyield">http://www.hp.com/go/pageyield</a> for more information.
<b>Pallet dimensions</b>	47.24 x 39.37 x 86.46 in
<b>Pallet dimensions (W x D x H)</b>	1200 x 1000 x 2196 mm
<b>Pallet weight</b>	868.5 lb
<b>Pallet weight</b>	393.95 kg
<b>Paper handling input, standard</b>	150-sheet input tray

<b>Paper handling output, standard</b>	100-sheet output tray
<b>Paper trays, maximum</b>	1
<b>Paper trays, standard</b>	1
<b>Power</b>	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.
<b>Print Technology</b>	Laser
<b>Print colors</b>	No
<b>Print languages</b>	PCLmS; URF; PWG
<b>Print quality black (normal)</b>	600 x 400 dpi, 600 x 600 dpi
<b>Print speed black (Landscape, A5)</b>	Up to 29 ppm
<b>Print speed black (Portrait, A5)</b>	Up to 7 ppm
<b>Print speed duplex (A4)</b>	Up to 18 ipm
<b>Print speed duplex (letter)</b>	Up to 19 ipm
<b>Print speed footnote (A5)</b>	[6] Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
<b>Print speed footnote number (A5)</b>	[6]
<b>Print technology</b>	Laser
<b>Printer Management</b>	HP Printer Assistant (UDC); HP Device Toolbox
<b>Printer black pages (MPV black)</b>	225
<b>Printer color pages (MPV color)</b>	150
<b>Printer smart software features footnote</b>	[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 <a href="http://www.hp.com/go/mobileprinting">www.hp.com/go/mobileprinting</a> . 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: <a href="http://www.hpsmart.com/mobile-fax">www.hpsmart.com/mobile-fax</a>
<b>Processor speed</b>	500 MHz
<b>Product long name specifications</b>	HP LaserJet MFP M234sdw Printer, Black and white Printer for Small Office, Print, copy, scan, Automatic document feeder; Two-sided printing; Scan to email; Scan to PDF; JetIntelligence cartridge
<b>Product short name specifications</b>	HP LaserJet M234sdw Wireless Multifunction Black and white Printer, Copier, Scanner; Duplex
<b>Quantity per pallet</b>	30
<b>RMN number</b>	SHNGC-1901-01

<b>Recommended media weight (duplex)</b>	16 to 28 lb
<b>Recommended media weight (duplex)</b>	60 to 105 g/m <sup>2</sup>
<b>Recommended monthly page volume</b>	200 to 2,000
<b>Recommended monthly page volume note</b>	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.
<b>Recommended monthly scan volume</b>	150 to 1500
<b>Recommended operating humidity range</b>	30 to 70% RH
<b>Recommended operating temperature range</b>	17.5 to 25°C
<b>Recommended operating temperature range</b>	63.5 to 77°F
<b>Replacement cartridges footnote</b>	[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 <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a>
<b>Safety</b>	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
<b>Scan resolution, hardware</b>	600 x 600 dpi
<b>Scan resolution, optical</b>	Up to 600 dpi
<b>Scan size (ADF), maximum</b>	216 x 356 mm
<b>Scan size (ADF), maximum</b>	8.5 x 14 in
<b>Scan size (ADF), minimum</b>	5.8 x 8.3 in
<b>Scan size (ADF), minimum</b>	148 x 210 mm
<b>Scan size, maximum</b>	216 x 297 mm
<b>Scan size, maximum</b>	8.5 x 11.7 in
<b>Scan speed footnote</b>	[11] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
<b>Security management</b>	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
<b>Segment (filter)</b>	Small office
<b>Software scan file format</b>	JPEG, RAW(BMP), PNG, TIFF, PDF

<b>Standard media sizes (duplex)</b>	A4
<b>Standard media sizes (duplex, imperial)</b>	Letter
<b>Standard output capacity (envelopes)</b>	Up to 10 envelopes
<b>Storage temperature range</b>	-4 to 140°F
<b>Storage temperature range</b>	-20 to 60°C
<b>Target user and print volume</b>	For teams up to 5 users; Prints up to 20,000 pages/month
<b>Tariff numbers</b>	8443310000
<b>Telecom compliance (fax capability)</b>	Wireless: EU RED 2014/53/EU; EN 301 489-1 V2.2.3 / EN 301 489-17: V3.2.0; EN 300 328: V2.1.1 / EN301 893 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
<b>Top key features</b>	Two-sided printing; Scan to email; Scan to PDF
<b>Twain version</b>	Version 2.1
<b>Typical electricity consumption (TEC) footnote</b>	[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.
<b>Typical electricity consumption (TEC) number</b>	0.256 kWh/Week (Energy Star); 0.684 kWh/Week (Blue Angel) <sup>[10]</sup>
<b>UNSPSC code</b>	43212110
<b>UPC number</b>	(ABT) 194850889561; (ABY) 194850889578; (B19) 194850889585; (BAZ) 194850889592; (BGJ) 194850889608; (BGM) 194850889615
<b>Warm-up time</b>	As fast as 45 sec
<b>Warranty</b>	DM1: HP Commercial/Limited Warranty applicable only in the USA, CA, AU, and NZ. For details visit: <a href="http://www.hp.com/go/tonerwarranty">www.hp.com/go/tonerwarranty</a> . 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: <a href="http://www.hp.com/go/tonerwarranty">www.hp.com/go/tonerwarranty</a> . 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: <a href="http://www.hp.com/go/tonerwarranty">www.hp.com/go/tonerwarranty</a> . EM2: Only intended for sale in China and India. HP Commercial Warranty only applicable in these listed countries/regions. For more information, visit: <a href="http://www.hp.com/go/tonerwarranty">www.hp.com/go/tonerwarranty</a> .
<b>What is in the box footnote</b>	[3] For yield information on the cartridge included with your printer, see <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a> . Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[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](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.hpsmart.com/mobile-fax](http://www.hpsmart.com/mobile-fax)*

*[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 115V device.*

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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 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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