HP Laser MFP 135w (4ZB83A)



Overview

Laser MFP performance at an affordable price

Get productive MFP performance at an affordable price. Print, scan, and copy, produce high-quality results, and print and scan from your phone.[1]

Legendary quality at an affordable price

This surprisingly small laser delivers exceptional quality, page after page.

Easy mobile printing and scanning with HP app

Get simple setup, and print and scan from your phone, with the HP Smart app.[1,3]

Designed to fit your space

You can fit this MFP almost anywhere – it's that small and compact.

Features

Uncompromising laser quality

Sharp, black text

The right price

The power of your printer in the palm of your hand[2]

Your device, your choice[5]

Extend your printing reach[5]

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[1] Requires the HP Smart app download. For details on local printing requirements see http://www.hp.com/go/mobileprinting.

[2] Measured using ISO/IEC 24734, excludes first set of test documents. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[3] Wireless and mobile printing available only on w, nw, pnw, or fnw models.

[5] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at http://www.hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®.

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Specifications

Print Resolution Technologies	ReCP
Print quality black (best)	Up to 1,200 x 1,200 dpi
Print speed black (ISO, A4)	Up to 20 ppm
Print speed	Print speed up to 21 ppm
Bottom margin (A4)	5 mm
Left margin (A4)	5 mm
Right margin (A4)	5 mm
Top margin (A4)	5 mm
Functions	Print, copy, scan
Duplex printing	Manual (driver support provided)
Duty cycle (monthly, A4)	Up to 10,000 pages
Printer smart software features	Manual duplex and booklet print, N-up printing, skip blank pages, poster print, watermarks
Copier smart software features	Automatic adjusting background; Extended layout (2-up, 4-up, ID copy); Expanded contrast adjustments (11 different settings); Scale from one paper size to another (AutoFit)
Scanner advanced features	Scan to WSD (network support only); Book Scanning; Poster stitching for multiple scan; Text converting; Scan to E-Book; Existing file to E-Book
Energy savings feature technology	HP Auto-Off Technology; Power save
Replacement cartridges	W1106A HP 106A Black Original Laser Toner Cartridge (1,000 pages)
Connectivity, standard	Hi-Speed USB 2.0; Wireless 802.11 b/g/n
Connectivity, optional	None
Network capabilities	No
Wireless capability	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability	Apple AirPrint™; Google Cloud Print™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing
Network protocols, supported	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), WSD; Discovery: SLP, Bonjour, WS-Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Stateful via DHCPv6); Management: SNMPv1/v2/v3, HTTP
Software included	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, OCR program
Compatible Operating Systems	Windows 8; Windows 8.1; Windows 10; macOS 10.14 Mojave; macOS 10.13 High Sierra; macOS 10.12 Sierra; macOS 10.11 El Capitan[7] *(Windows 10 or higher)*
Sustainability specifications	Mercury free

Energy star certified	No
Copy speed (black, normal quality, A4)	Up to 20 cpm
Digital sending standard features	Scan to WSD; WSD Scan; PC Scan
Faxing	No
Scan file format	Windows Scan SW supports file format: PDF, JPG, TIFF, PNG, BMP
Scan input modes	Front-panel copy, HP MFP scan software, user application via TWAIN or WIA
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed
Display area (metric)	65.5 x 14.8 cm
Display	2-Line LCD (16 characters per line)
Dimensions (W x D x H)	406 x 359.6 x 253 mm *(Dimensions vary as per configuration)*
Weight	7.46 kg[9] *(Weight varies as per configuration)*
Power consumption	300 watts (Active Printing), 38 watts (Ready), 1.9 watts (Sleep), 0.2 watts (Manual Off), 0.2 watts (Auto Off/Manual On)[10]
Power supply type	Internal (Built-in) power supply
What's in the box	HP Laser MFP 135w Printer; Preinstalled introductory HP Laser Black print cartridges (500 pages); Setup guide; Reference guide; Regulatory statements flyer; Power cord; USB cable[12]
Manufacturer Warranty	One-year limited hardware warranty; For more info please visit us at https://www.support.hp.com

Additional specifications

Acoustic power emissions (active scan)	6.25 B(A) (only 20 ipm ADF)
Acoustic power emissions (active, printing)	6.5 B(A) (printing at 20 ppm)
Additional information about HP	https://www.hp.com
Additional information about HP in the countries	https://www.hp.com/uk
Automatic paper sensor	No
Bit depth	8-bit (monochrome) 32-bit (color)
Cable included	Yes, 1 USB cable
Certifications and compliances	UL listed; CE Marking; Nemko; Fimko; Demko; Semko; Eastern European
Color or black	Black and white
Color scanning	Yes
Compatible Network Operating Systems	Windows 10; Windows 8; Windows 8.1; macOS 10.11 El Capitan; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave
Connection type	Wireless
Control panel	2-Line LCD; 12 Buttons (Power, Cancel, Start, Navigation (Menu, OK, Back, Left, Right), ID Copy, Contrast, Scan to, Wireless); LED indicator lights (Power, Status, Wireless)
Copier settings	Copies; Original Size; Reduce/Enlarge; Darkness; Original Type; Collation; 2-Up; 4-Up; ID Copy; Adjust Background; Auto Fit Copy
Copies, maximum	Up to 99 copies
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black text)	Up to 600 x 600 dpi
Datasheet photo 1	Publication photos/HP Laser MFP 135w Front.jpg
Datasheet photo 2	Publication photos/HP Laser MFP 135w Front.jpg
Datasheet photo 3	Publication photos/HP Laser MFP 137fnw wap.jpg
Datasheet photo 4	Publication logos/Compact_size_thin_icon.jpg
Datasheet photo 5	Publication logos/Quality_laser_printing_thin_icon.jpg
Datasheet publication number	4AA7-4843
Downloadable software	V3 Print Driver with Installer; TWAIN/WIA Driver; HP MFP Scan; OCR program; HP LJ Network PC-FAX (4-in-1 model only)
Driver updates	Latest supported operating systems and print drivers available at https://www.support.hp.com
Duty cycle note	Duty cycle is defined as the maximum number of pages per month of imaged output.
Dynamic security	Dynamic security enabled printer

Electromagnetic compatibility	EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010, EN 55032:2012/AC:2013, 47 CFR Part 15, Subpart B I ANSI C63.4-2009, ICES-003 Issue 5, KN32, KN35, GB/T 9254-2008, GB17625.1-2012, CISPR22:2008, CISPR32:2012, CNS 13438, other EMC approvals as required by individual countries
End of Life CO2e (kg)	12.584
Energy Usage CO2e (kg)	87.372
Enhanced scanning resolution	Up to 4800 x 4800 dpi
Finished output handling	Sheetfed
First copy out black (A4)	As fast as 8.9 sec
First copy out black (A4, sleep)	As fast as 17 sec
First page out black (A4, ready)	As fast as 8.3 sec
First page out black (A4, sleep)	As fast as 18 sec
Input capacity	Up to 150 sheets
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	128 MB
Maximum dimensions (W x D x H)	406 x 424 x 253 mm
Maximum input capacity (sheets)	Up to 150 sheets
Maximum output capacity (sheets)	Up to 100 sheets
Maximum print area	216 x 356 mm
Media size, tray 1	A4; A5; A5 (LEF); B5 (JIS); Oficio; Envelope (DL, C5)
Media sizes supported	A4; A5; A5 (LEF); B5 (JIS); Oficio; Envelope (DL, C5)
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	76 x 127 to 216 x 356 mm
Media type and capacity, tray 1	Sheets (75 g/m²): 150; Envelopes: 10
Media types	Plain, Thick, Thin, Cotton, Colour, Preprinted, Recycled, Labels, CardStock, Bond, Archive, Envelope
Media weight (tray 1)	60 to 163 g/m²
Media weight, supported	60 to 163 g/m²
Memory	128 MB
Memory footnote	128 MB (System Memory), not expanded
Minimum System Requirements	PC: Windows® 10, 8.1, 8, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer.
Minimum System Requirements for Macintosh	Apple®OS X El Capitan (v10.11), macOS Sierra (v10.12), macOS High Sierra (v10.13), 1.5 GB available hard disk space, Internet required, USB
Model number	135w

Number of users	1-5 Users
Operating humidity range	10 to 80% RH (non-condensing)
Operating temperature range	10 to 30°C
Output capacity	Up to 100 sheets
Package dimensions (W x D x H)	482 x 447 x 361 mm
Package weight	9.94 kg
Paper handling input, standard	150 sheet input tray
Paper handling output, standard	100 sheet output bin
Paper trays, maximum	1
Paper trays, standard	1
Photo (product photo, jpg, 70x100)	Printers and Multifunction/hp-laserjet-m1319-mfp-series_70x100.jpg
Power	220 to 240 VAC, 50/60Hz
Print Cartridges/Bottle, Number	1 (black)
Print Technology	Laser
Print colors	No
Print languages	SPL
Print quality black (normal)	Up to 600 x 600 dpi
Print technology	Laser
Printer Management	None
Processor speed	600 MHz
Product long name specifications	HP Laser MFP 135w, Black and white Printer for Small Office, Print, copy, scan
Product short name specifications	HP Laser 135w Wireless Multifunction Black and white Printer, Copier, Scanner; Duplex
Production CO2e (kg)	106.307
Recommended monthly page volume	100 to 2,000[4]
Recommended monthly scan volume note	HP recommends that the number of scanned pages per month be within the stated range for optimum device performance
Recommended operating humidity range	20 to 70% RH (non-condensing)
Recommended operating temperature range	15 to 27°C

Safety	IEC 60950-1:2005+A1: 2009+A2 2013 (International); EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 (EU); IEC/EN 60825-1:2014 (Class 1 Laser Product); EN 62479:2010 /IEC 62749:2010; Low Voltage Directive 2006/95/EC with CE Mark (Europe); GS Certificate (Germany, Europe); Compliance with Laser safety standards 21 CFR 1002.10 and 1002.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries
Scan resolution, hardware	Up to 4800 × 4800 dpi
Scan resolution, optical	Up to 600 × 600 dpi
Scan size, maximum	216 x 297 mm
Security management	Password-protected network embedded Web server; Enable/disable Network ports; SNMPv1 community password change; SNMPV2/V3; IPSec; Filtering: MAC, IPv4, IPv6
Segment (filter)	Small medium business
Standard output capacity (envelopes)	Up to 10 envelopes
Storage temperature range	-20 to 40°C
Target user and print volume	For teams up to 5 users; Prints up to 2,000 pages/month
Technology logo 2	Publication logos/windows 10_logo_EMEA.jpg
Technology logo 3	Publication logos/USBhiColour.jpg
Technology logo 4	Publication logos/wireless direct.jpg
Technology logo 5	Publication logos/AirPrint.jpg
Technology logo 6	Publication logos/Mopria logo TM new.jpg
Total CO2e (kg)	209.597 *(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)*
Transportation CO2e (kg)	3.334
Twain version	Version 1.9
Typical electricity consumption (TEC) number	Blue Angel: 0.876 kWh/Week; Energy Star: 0.924 kWh/Week[11]
UNSPSC code	43212110
UPC number	(A1Z) 826581185796; (ABT) 193015506633; (ACQ) 193015506657; (B13) 193905621576; (B19) 193015506664
Warm-up time	32 sec
Waste electrical and electronic weight	7.46 kg
Web address for additional information	http://www.hp.com/support/laser130MFP

[4] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

[7] Windows 7 or higher.

[9] Weight varies as per configuration.

[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. Power consumption values typically based on measurement of 115V device.

[11] 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 and 230V for Blue Angel.

[12] Introductory cartridges included; Yield: 500 black pages. Replacement cartridge average declared yield 1,000 based on ISO/IEC 19752. Actual yield varies considerably based on content of printed pages and other factors. For details see http://www.hp.com/go/learnaboutsupplies.

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 106A Black Original Laser Toner Cartridge	W1106A

HP Paper for Multiple Uses

HP Multi-use Everyday Paper

HP Copy Paper 80 gsm-500 sht/A4/210 x 297 mm	CHP910
HP Home and Office Paper-500 sht/A4/210 x 297 mm	CHP150
HP Office Paper-2500 sht/A4/210 x 297 mm	CHP113
HP Office Paper-500 sht/A4/210 x 297 mm	CHP110

HP Business Papers

HP Business Papers for laser

HP Enhanced Business Paper Glossy 150 g/m2 A4 (210 x 297 mm) 150 sheets	CG965A
HP Professional Business Paper Glossy 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV83A
HP Professional Business Paper Matte 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV80A

HP Business Papers for laser and inkjet

HP Professional Business Paper Glossy 180 g/m2 A4 (210 x 297 mm) 150 sheets	3VK91A

Services

HP Care Pack Services

★ : Recommended

Imaging and Printing Consumer Care Pack Services

HP 3y Ret to Depot Laser 10x 13xMFP SVC	UB4W4E
HP 4 year Return to Depot Service for Laser 10x and 13x MFP	UB4W5E

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