HP Color Laser MFP 179fnw (4ZB97A)



Overview

Colour laser MFP performance at an affordable price

Get productive MFP performance – world's smallest in-class.[1] Print, scan, copy, and fax, produce high-quality colour results, and print and scan from your phone.[2]

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.[2]

Designed to fit your space

Work efficiently with a small, compact MFP – world's smallest in-class.[1]

Features

Uncompromising laser quality

Sharp black text, high-quality colour

The right price

The power of your printer in the palm of your hand[4]

Your device, your choice[5]

Extend your printing reach[6]

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[1] Smallest in-class footprint compared only to dimensions of majority of worldwide competing personal colour laser printers (defined as non-discontinued colour laser printers < €200 and colour laser MFPs < €300); HP internal research of printer manufacturers' published specifications as of Sept 4, 2018 and Keypoint Intelligence-Buyers Lab 2018 study commissioned by HP. Market share as reported by IDC CYQ2 2018 Hardcopy Peripherals Tracker. Footprint for HP Color Laser 150 printer series is 1,180.6 square centimetres, for HP Color Laser 170 MFP series is 1,476.1 square centimetres.

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

[4] For details on local printing requirements see http://www.hp.com/go/mobile printing.

[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®.

[6] 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 http://www.hp.com/go/mobileprinting. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

[4] For details on local printing requirements see http://www.hp.com/go/mobile printing.

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Specifications

Print Resolution Technologies	ReCP
Print quality black (best)	Up to 600 x 600 dpi 4 bits
Print quality color (best)	Up to 600 x 600 dpi 4 bits
Print speed black (ISO, A4)	Up to 18 ppm
Print Speed Color (ISO)	Up to 4 ppm
Print speed	Print speed up to 19 ppm (black) and 4 ppm (colour)
Bottom margin (A4)	5 mm
Left margin (A4)	5 mm
Right margin (A4)	5 mm
Top margin (A4)	5 mm
Functions	Print, copy, scan, fax
Duplex printing	Manual (driver support provided)
Duty cycle (monthly, A4)	Up to 20,000 pages
Printer smart software features	Manual duplex and booklet print, N-up printing, skip blank pages, poster print, watermarks
Copier smart software features	Automatic document feeding; Automatic adjusting background; Extended layout (2-up, 4-up, ID copy); Expanded contrast adjustments (11 different settings); Scale from one paper size to another (A4, 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
Fax smart software features	Permanent fax memory backup, colour faxing, auto fax reduction, auto redialing, delayed sending, fax forwarding, PC fax, secure receive
Energy savings feature technology	HP Auto-Off Technology
Replacement cartridges	HP 117A Black Original Laser Toner Cartridge (1,000 pages) W2070A; HP 117A Cyan Original Laser Toner Cartridge (700 pages) W2071A; HP 117A Yellow Original Laser Toner Cartridge (700 pages) W2072A; HP 117A Magenta Original Laser Toner Cartridge (700 pages) W2073A
Connectivity, standard	Hi-speed USB 2.0 port; Fast Ethernet 10/100Base-Tx network port; Wireless 802.11 b/g/n
Modem	33.6 kbps
Network capabilities	Via built-in 10/100 Base-TX networking
Wireless capability	Yes, built-in Wi-Fi 802.11 b/g/n
Mobile printing capability	Apple AirPrint™; Mobile Apps; Google Cloud Print™; Mopria™ certified; HP app; 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, Statefull via DHCPv6); Management: SNMPv1/v2/v3, HTTP
Software included	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, HP LJ Network PC-FAX, OCR program
Compatible Operating Systems	Windows 11; Windows 8; macOS 10.11 El Capitan; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave[8] *(Windows 10 or higher)*
Sustainability specifications	Mercury free
Energy star certified	No
Ecolabels	CECP[16]
Copy speed (black, normal quality, A4)	Up to 18 cpm
Copy speed (color, normal quality, A4)	Up to 4 cpm
Digital sending standard features	Scan to WSD; PC Scan
Fax Resolution Black (best)	Up to 300 x 300 dpi
Faxing	Yes
Scan speed (normal, A4)	Up to 15 ipm (black and white), up to 6 ipm (colour)
Scan file format	PDF, JPG, TIFF
Scan input modes	Front-panel scan, copy, HP MFP scan software, user application via TWAIN or WIA
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed, ADF
Display area (metric)	65.5 x 14.8 cm
Display	2-Line LCD
Dimensions (W x D x H)	406 x 363 x 344.1 mm *(Dimensions vary as per configuration)*
Weight	14.08 kg[10] *(Weight varies as per configuration)*
Power consumption	300 watts (active printing), 38 watts (ready), 1.9 watts (sleep), 0.2 watts (manual off)[11]
Power supply type	Internal (Built-in) power supply
What's in the box	HP Color Laser MFP 179fnw; Preinstalled introductory HP Laser Printer Black print cartridge (700 pages); HP Laser Printer Cyan print cartridge (500 pages); HP Laser Printer Yellow print cartridge (500 pages); HP Laser Printer Magenta print cartridge (500 pages); Imaging drum; Toner collection unit; Setup poster; Reference guide; Support flyer; Warranty guide; No CD-ROM; Power cord; USB cable; Tel line cable[13]
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)	6.2 B(A) (Scanning at 18 ipm with ADF only)
Acoustic power emissions (active, printing)	6.5 B(A) (printing with monochrome mode); 6.1 B(A) (printing with colour mode)
Additional information about HP	https://www.hp.com
Additional information about HP in the countries	https://www.hp.com/uk
Auto fax reduction supported	Yes
Automatic document feeder capacity	Standard, 40 sheets
Automatic paper sensor	No
Bit depth	24-bit (color); 8-bit (mono)
Cable included	Yes, 1 USB cable and 1 tel line cable
Certifications and compliances	CE Marking, Nemko, Fimko, Demko, Semko, Eastern European
Color or black	Color
Color scanning	Yes
Compatible Network Operating Systems	Windows 11; Windows 8; 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; 31 Buttons: Power, Cancel, Start (Monochrome/Colour), Navigation (Menu, OK, Back, Left, Right), ID_Copy, Contrast, Scale, Wireless, Numeric and Tel (1 to 9, 0, *, #, Address Book, Redial, On hook), Mode (Fax, Copy, Scan to); LED indicator lights: Power, Status, Wireless, Mode
Copier scaling (ADF)	25 to 400%
Copier settings	Copies; Original Size; Reduce/Enlarge; Darkness; Original Type; Collation; 2-Up; 4-Up; ID Copy; Adjust Background; Auto Fit Copy; Colour Mode
Copies, maximum	Up to 999 copies
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black text)	Up to 600 x 600 dpi (flatbed); Up to 600 x 600 dpi
Copy resolution (color text and graphics)	Up to 600 x 600 dpi (flatbed); Up to 600 x 600 dpi
Datasheet photo 1	Publication photos/HP Color Laser MFP 179fnw Jolt Front.jpg
Datasheet photo 2	Publication photos/HP Color Laser MFP 179fnw Jolt Front.jpg
Datasheet photo 3	Publication photos/HP Color Laser MFP 179fnw.jpg
Datasheet photo 4	Publication logos/Mobile_printing_thin_icon.jpg
Datasheet photo 5	Publication logos/Legendary_HP_reliability_thin_icon.jpg
Distinctive ring detection supported	Yes

Downloadable software	V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, OCR program, HP LJ PC-FAX (Only for 4-in-1 model)
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, CISPR22:2008, CISPR32:2012, CNS 13438 (Other EMC approvals as required by individual countries)
End of Life CO2e (kg)	18.594
Energy Usage CO2e (kg)	141.64
Enhanced scanning resolution	Up to 19,200 dpi
Envelope Feeder	No
Fax Auto Redial	Yes
Fax Broadcast Locations	210
Fax PC Interface Supported	Yes
Fax Polling	No
Fax Remote Retrieval	No
Fax Speed Dials, Maximum Number	Up to 200 numbers
Fax Transmission Speed	33.6 kbps
Fax delayed sending	Yes
Fax forwarding	Yes
Fax memory	Up to 400 pages
Fax phone TAM interface supported	Yes
Fax resolution black	Up to 203 x 196 dpi
Fax telephone mode supported	Yes
Finished output handling	Sheetfed
First copy out black (A4)	As fast as 12.6 sec
First copy out black (A4, sleep)	As fast as 20 sec (15min)
First copy out color (A4)	As fast as 32.1 sec
First copy out color (A4, sleep)	As fast as 40 sec (15min)
First page out black (A4, ready)	As fast as 12.4 sec
First page out black (A4, sleep)	As fast as 13 sec (15 min)
First page out color (A4, ready)	As fast as 25.3 sec
First page out color (A4, sleep)	As fast as 26 sec (15 min)

First page out footnote	Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
Input capacity	Up to 150 sheets
Junk fax barrier	Yes, requires Caller ID
Levels of grayscale	256
Mac compatible	Yes
Maximum Memory	128 MB
Maximum dimensions (W x D x H)	421.9 x 422.9 x 344.1 mm
Maximum input capacity (sheets)	Up to 150 sheets
Maximum output capacity (sheets)	Up to 50 sheets
Maximum print area	216 x 356 mm
Media size (ADF)	B5
Media size, tray 1	A4; A5; A6; B5 (JIS); Oficio 216 x 340; 76 x 148.5 to 216 x 356 mm
Media sizes supported	Tray1: A4; A5; A6; B5 (JIS); Oficio 216 x 340. Tray2: Not supported; Optional Automatic duplexer: Not supported
Media sizes supported, key	10 x 15 cm; A4
Media sizes, custom	76 x 148.5 to 216 x 356 mm
Media type and capacity, ADF	Up to 40 sheets
Media type and capacity, tray 1	Sheets (75 g/m²): 150
Media types	Plain, Light, Heavy, Extra Heavy, Coloured, Preprinted, Recycle, Labels, Bond, Glossy
Media weight (tray 1)	60 to 220 g/m²
Media weight, supported	60 to 220 g/m²
Media weights, supported ADF	60 to 105 g/m²
Memory	128 MB
Memory footnote	Maximum Memory is 128 MB (Not extended)
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
Mobile printing capability footnote	May require a firmware upgrade to be compatible, download at http://www.hp.com/go/support .[8]
Model number	179fnw
Native scan file format	PDF; JPG; TIFF
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 50 sheets
Package dimensions (W x D x H)	501 x 466 x 440 mm
Package weight	17.38 kg
Page yield footnote	Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies
Paper handling input, standard	150 sheet input tray
Paper handling output, standard	50 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-volt input voltage: 220 to 240 VAC, 50/60 Hz
Print Cartridges/Bottle, Number	4 (1 each black, cyan, magenta, yellow)
Print Technology	Laser
Print colors	Yes
Print languages	SPL
Print quality black (normal)	Up to 600 x 600 dpi
Print resolution color (normal)	Up to 600 x 600 dpi
Print technology	Laser
Processor speed	800 MHz
Product long name specifications	HP Color Laser MFP 100 Series Print: Up to 18 ppm black and 4 ppm colour; Up to 600 x 600 x 2 bit dpi; Up to 20,000 pages per month duty cycle; 128 MB RAM
Product short name specifications	HP Laser 179fnw Wireless Multifunction Color Printer, Copier, Scanner; Duplex
Production CO2e (kg)	118.099
Recommended monthly page volume	100 to 500[15]
Recommended monthly page volume note	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.
Recommended monthly scan volume	6250 to 10,500
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

Replacement cartridges footnote	Average colour composite (C/M/Y) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies.
Resolution	Up to 600 dpi
Resolution (black and white, standard mode)	203 x 98 dpi
Resolution (black and white, superfine mode)	Up to 300 x 300 dpi
Resolution (black photo grayscale)	300 x 300 dpi
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 4,800 x 4,800 dpi
Scan resolution, optical	Up to 600 × 600 dpi (300 dpi for Mac OS)
Scan size (ADF), maximum	216 x 356 mm
Scan size (ADF), minimum	145 x 145 mm
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
Standard media sizes (duplex)	Not supported duplex, but only supported manual duplex.
Storage temperature range	-20 to 40°C
Target user and print volume	For teams up to 5 users; Prints up to 500 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/air print.jpg
Technology logo 6	Publication logos/Mopria logo TM new.jpg
Telecom compliance (fax capability)	EBR21
Telephone handset supported	No
Top key features	Scan to PDF

Total CO2e (kg)	283.223 *(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)	4.89
Twain version	Version 1.9
Typical electricity consumption (TEC) footnote	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.
Typical electricity consumption (TEC) number	0.876 kWh/Week (Blue Angel); 1.093 kWh/Week (Energy Star)[12]
UNSPSC code	43212110
UPC number	(ABT) 193015507333; (ABY) 193015507340; (ACQ) 193015507371; (B13) 193905621620; (B19) 193015507388; (BAZ) 193015507395
Warm-up time	38 sec
Waste electrical and electronic weight	14.08 kg
Web address for additional information	http://www.hp.com/support/colorlaser170MFP
What is in the box footnote	Introductory cartridges included; Yields 500 colour composite (C/Y/M) and 700 black pages. Replacement cartridge average composite (C/Y/M) declared yield 700 and average black yield 1,000 pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies.

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[8] Windows 7 or higher.

[10] Weight varies as per configuration.

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

[12] 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.

[13] Introductory cartridges included; Yield: 500 colour composite (C/Y/M) and 700 black pages. Replacement cartridge average composite (C/Y/M) declared yield 700 and average black yield 1,000 pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies.

[15] 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.

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

HP 117A Black Original Laser Toner Cartridge	W2070A
HP 117A Cyan Original Laser Toner Cartridge	W2071A
HP 117A Magenta Original Laser Toner Cartridge	W2073A
HP 117A Yellow Original Laser Toner Cartridge	W2072A
HP 120A Original Laser Imaging Drum	W1120A

HP Laser Printer Supply Kits

HP Laser Toner Collection Unit	5KZ38A

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 3 year Return to Depot Service for Color Laser 15x and 17x MFP	UB4X6E
HP 4 year Return to Depot Service for Color Laser 15x and 17x MFP	UB4X7E

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