



HP Color Laser MFP 178nw

Brand : HP

Product family: Color Laser

Product code: 4ZB96A#B19

Product name : Color Laser
MFP 178nw

- Scan to PDF
 - Print, copy, scan
 - Print speed up to 19 ppm (black) and 4 ppm (colour)
 - Up to 600 x 600 dpi 4 bits
- Color Laser MFP 178nw

HP Color Laser MFP 178nw:

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

Dynamic security enabled printer Certain HP printers are intended to work only with cartridges that have a new or reused HP chip or electronic circuitry. These printers use dynamic security measures to block cartridges using a non-HP chip or electronic circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP chips and electronic circuitry enable the use of reused, remanufactured, and refilled cartridges.



Printing		Design	
Duplex printing mode	Manual	Product colour *	Grey, White
Print resolution colour	600 x 600 DPI	Market positioning *	Home & office
Print resolution black	600 x 600 DPI	Built-in display *	✓
Print technology *	Laser	Display	LCD
Printing *	Colour printing	Display number of lines	2 lines
Duplex printing *	✓	Control type	Buttons
Maximum resolution *	600 x 600 DPI	Power	
Print speed (black, normal quality, A4/US Letter) *	18 ppm	Power consumption (PowerSave)	0.2 W
Print speed (colour, normal quality, A4/US Letter)	4 ppm	Power consumption (printing)	300 W
Warm-up time	38 s	Power consumption (ready)	38 W
Time to first page (black, normal)	12.4 s	Power consumption (sleep)	1.9 W
Time to first page (colour, normal)	25.3 s	Power consumption (off)	0.2 W
Print margins (top, bottom, right, left)	5 mm	Energy Star Typical Electricity Consumption (TEC)	0.876 kWh/week
N-in-1 print function	✓	AC input voltage	220 - 240 V
Watermark printing	✓	AC input frequency	50/60 Hz
Secure printing	✓	Brand-specific features	
Booklet printing function	✓	HP Auto-On/Auto-Off	✓
Poster printing function	✓	HP Dynamic security	✓
Copying		HP Security tools	
Duplex copying *	✓		
Copying *	Colour copying	HP GTIN (EAN/UPC) with options	
Maximum copy resolution *	600 x 600 DPI		
Copy speed (black, normal quality, A4)	14 cpm	HP GTIN (EAN/UPC)	
Copy speed (colour, normal quality, A4)	4 cpm		
Time to first copy (black, normal)	12.6 s	193015507203, 193015507210, 193015507241, 193905621613, 193015507258, 193015507265	
Time to first copy (colour, normal)	32.1 s		
Maximum number of copies	999 copies		
Copier resize	25 - 400%		

Copying		System requirements	
N-in-1 copy function	✓	Windows operating systems supported	Windows 8, Windows 11
N-in-1 copy function (N=)	4, 2	Mac operating systems supported	Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, MacOS
ID-card copy function	✓		
Background adjustment function	✓		
Auto fit function	✓	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2016
Scanning		Operational conditions	
Scanning *	Colour scanning	Operating relative humidity (H-H)	10 - 80%
Optical scanning resolution *	600 x 600 DPI	Recommended operating temperature range (T-T)	15 - 27 °C
Maximum scan resolution	19200 x 19200 DPI	Storage temperature (T-T)	-20 - 40 °C
Maximum scan area	216 x 297 mm	Operating temperature (T-T)	10 - 30 °C
Scanner type *	Flatbed scanner	Certificates	
Scan technology	CIS	Certification	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.)
Scan to	Software, TWAIN, WIA		
Image formats supported	JPG, TIFF		
Document formats supported	PDF		
Input colour depth	24 bit		
Greyscale levels	256		
Scan drivers	TWAIN, WIA		
TWAIN version	1.9		
Fax		Sustainability	
Faxing *	✗	Sustainable technologies and materials	Mercury free
Features		Doesn't contain	Mercury
Recommended duty cycle	100 - 500 pages per month	Carbon footprint	
Maximum duty cycle *	20000 pages per month	Total carbon footprint (kg of CO2e)	180
Duplex functions *	Scan	Carbon emissions, manufacturing (kg of CO2e)	108
Digital sender	✓	Carbon emissions, logistics (kg of CO2e)	5
Number of print cartridges *	4	Carbon emissions, end-of-life (kg of CO2e)	19
Printing colours *	Black, Cyan, Magenta, Yellow	Total carbon emissions, w/o use phase (kg of CO2e)	44
Page description languages	SPL	Weight & dimensions	
All-In-One-multitasking	✓	Width	406 mm
Country of origin	China	Depth	363 mm
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	Height	288.7 mm
		Weight	12.9 kg
		HP segment	
Input & output capacity		Packaging data	
Total number of input trays *	1	Package width	501 mm
Total input capacity *	150 sheets	Package depth	466 mm
Total output capacity *	50 sheets	Package height	398 mm
Paper tray 1 input capacity	150 sheets	Package weight	16.1 kg
Paper input type	Paper tray	Packaging content	
Maximum number of input trays	1	Cartridge(s) included	✓
Maximum input capacity	150 sheets	Included cartridge capacity (black)	700 pages
Maximum output capacity	50 sheets	Included cartridge capacity (CMY)	500 pages
Paper handling		Cables included	AC
Maximum ISO A-series paper size *	A4	Manual	✓
Maximum print size	216 x 356 mm	Power cord included	✓
Paper tray media types *	Plain paper, Glossy paper, Bond paper, Recycled paper, Labels, Heavy paper, Lightweight paper	Warranty card	✓
		Quick installation guide	✓
		User guide	✓
ISO A-series sizes (A0...A9) *	A4, A5, A6	Bundled software	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, OCR program
Non-ISO print media sizes	Oficio		
JIS B-series sizes (B0...B9)	B5		
Custom media width	76 - 216 mm		

Paper handling		Logistics data	
Custom media length	148.5 - 356 mm	Harmonized System (HS) code	84433100
Paper tray media weight	60 - 220 g/m²	Pallet gross weight	395 kg
Envelope feeder	No	Master (outer) cases per pallet	24 pc(s)
Ports & interfaces		Layers per pallet	6 pc(s)
Standard interfaces	USB 2.0	Products per pallet	24 pc(s)
Direct printing *	✓	Technical details Box contents HP Color Laser MFP 178nw; 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 Master (outer) cases per pallet layer 4 pc(s) Compliance certificates CECP, CE General Product Safety Regulation (GPSR) URL https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laser-mfp-170-printer-series/model/24494366?sku=42B96A ; http://h10032.www1.hp.com/ctg/Manual/c06266695.pdf ; http://h10032.www1.hp.com/ctg/Manual/c06270941.pdf	
USB port	✓		
Network			
Wi-Fi *	✓	Other features Number of users 5 user(s) Custom media sizes 76 x 148.5 to 216 x 356 mm Pallet dimensions (W x D x H) 1014 x 944 x 2390 mm Windows 10 or newer; Intel Pentium IV 1 GHz 32-bit or 64-bit processor or higher; 1 GB RAM; 16 GB HDD. OS X v10.11 or newer; 1.5 GB available hard disk space; Internet; USB. Windows 11; Windows 8; macOS 10.11 El Capitan; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave Typical electricity consumption (TEC) number 0.876 kWh/Week (Blue Angel); 1.093 kWh/Week (Energy Star) UNSPSC-code 43212110 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.) Electromagnetic compatibility	
Ethernet LAN *	✓		
Cabling technology	10/100Base-T(X)		
Ethernet LAN data rates	10,100 Mbit/s		
Wi-Fi standards	Wi-Fi 4 (802.11n), 802.11g, 802.11b		
Wi-Fi Direct	✓		
Security algorithms	SNMPv2, SNMP, IPSec		
Mobile printing technologies	Mopria Print Service, Apple AirPrint, Google Cloud Print		
Performance			
Maximum internal memory	128 MB	Compatible operating systems	
Internal memory *	128 MB	Typical electricity consumption (TEC) number	
Built-in processor	✓	0.876 kWh/Week (Blue Angel); 1.093 kWh/Week (Energy Star)	
Processor frequency	800 MHz	UNSPSC-code	
Sound power level (printing)	6.5 dB	43212110	
		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.)	



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