



## 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.<sup>[1]</sup> Print, scan, and copy, produce high-quality colour results, and print and scan from your phone.<sup>[2]</sup>

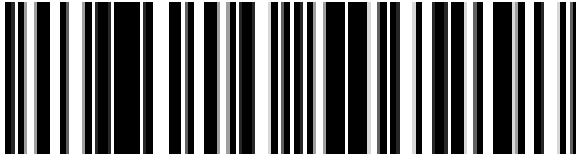
Dynamic security enabled printer Certain HP printers are intended to work only with cartridges that have a new or reused HP chip or electronic circuitry. These printers use dynamic security measures to block cartridges using a non-HP chip or electronic circuitry. Periodic firmware updates will maintain 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		Network	
Duplex printing mode	Manual	Security algorithms	IPSec, SNMPv2
Print resolution colour	600 x 600 DPI	Mobile printing technologies	Apple AirPrint, Google Cloud Print, Mopria Print Service
Print resolution black	600 x 600 DPI	Performance	
Print technology *	Laser	Maximum internal memory	128 MB
Printing *	Colour printing	Internal memory *	128 MB
Duplex printing *	✓	Built-in processor	✓
Maximum resolution *	600 x 600 DPI	Processor frequency	800 MHz
Print speed (black, normal quality, A4/US Letter) *	18 ppm	Sound power level (printing)	6.5 dB
Print speed (colour, normal quality, A4/US Letter)	4 ppm	Design	
Warm-up time	38 s	Product colour *	Grey, White
Time to first page (black, normal)	12.4 s	Market positioning *	Home & office
Time to first page (colour, normal)	25.3 s	Built-in display *	✓
Print margins (top, bottom, right, left)	5 mm	Display	LCD
N-in-1 print function	✓	Display number of lines	2 lines
Watermark printing	✓	Control type	Buttons
Secure printing	✓	Power	
Booklet printing function	✓	Power consumption (PowerSave)	0.2 W
Poster printing function	✓	Power consumption (printing)	300 W
Copying		Power consumption (ready)	38 W
Duplex copying *	✓	Power consumption (sleep)	1.9 W
Copying *	Colour copying	Power consumption (off)	0.2 W
Maximum copy resolution *	600 x 600 DPI	Energy Star Typical Electricity Consumption (TEC)	1.093 kWh/week
Copy speed (black, normal quality, A4)	14 cpm	AC input voltage	110 - 240 V
Copy speed (colour, normal quality, A4)	4 cpm	AC input frequency	50/60 Hz
Time to first copy (black, normal)	12.6 s	Brand-specific features	
Time to first copy (colour, normal)	32.1 s	HP Auto-On/Auto-Off	✓
Maximum number of copies	999 copies	HP Dynamic security	✓
Copier resize	25 - 400%		

Copying		Brand-specific features	
N-in-1 copy function	✓	HP GTIN (EAN/UPC) with options	(ABT) 193015507203; (ABY) 193015507210; (ACQ) 193015507241; (B13) 193905621613; (B19) 193015507258; (BAZ) 193015507265
N-in-1 copy function (N=)	4, 2		
ID-card copy function	✓		
Background adjustment function	✓		
Auto fit function	✓		
Scanning		HP GTIN (EAN/UPC)	193015507203, 193015507210, 193015507241, 193905621613, 193015507258, 193015507265
Scanning *	Colour scanning	System requirements	
Optical scanning resolution *	600 x 600 DPI	Windows operating systems supported	Windows 11, Windows 8
Maximum scan resolution	19200 x 19200 DPI	Mac operating systems supported	Mac OS X 10.11 El Capitan, Mac OS X 10.14 Mojave, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra
Maximum scan area	216 x 297 mm		
Scanner type *	Flatbed scanner	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2016
Scan technology	CIS		
Scan to	Software, TWAIN, WIA	Operational conditions	
Image formats supported	JPG, TIFF	Operating relative humidity (H-H)	10 - 80%
Document formats supported	PDF	Storage temperature (T-T)	-20 - 40 °C
Input colour depth	24 bit	Operating temperature (T-T)	10 - 30 °C
Greyscale levels	256	Certificates	
Scan drivers	TWAIN, WIA	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, GB/T 9254-2008, GB17625.1-2012, CISPR22: 2008, CISPR32: 2012, CNS 13438 (Other EMC approvals as required by individual countries.)
TWAIN version	1.9		
Fax		Sustainability	
Faxing *	✗	Sustainable technologies and materials	Mercury free
Features	Recommended duty cycle	Doesn't contain	Mercury
	Maximum duty cycle *	Carbon footprint	
	Duplex functions *	Total carbon footprint (kg of CO2e)	180
	Digital sender	Carbon emissions, manufacturing (kg of CO2e)	108
	Number of print cartridges *	Carbon emissions, logistics (kg of CO2e)	5
	Printing colours *	Carbon emissions, end-of-life (kg of CO2e)	19
	Page description languages	Total carbon emissions, w/o use phase (kg of CO2e)	44
	All-In-One-multitasking	Weight & dimensions	
	Country of origin	Width	406 mm
		Depth	363 mm
Input & output capacity		Height	288.7 mm
		Weight	12.9 kg
		Packaging data	
		Package width	501 mm
		Package depth	466 mm
		Package height	398 mm
		Package weight	16.1 kg
		Packaging content	
Paper handling	Maximum ISO A-series paper size *	Cartridge(s) included	✓
	Maximum print size	Included cartridge capacity (black)	700 pages
		Included cartridge capacity (CMY)	500 pages
	Paper tray media types *	Cables included	AC, USB
		Manual	✓
	ISO A-series sizes (A0...A9) *	Power cord included	✓
	Non-ISO print media sizes		
	JIS B-series sizes (B0...B9)		
	Custom media width		

Paper handling		Packaging content	
Custom media length	148.5 - 356 mm	Warranty card	✓
Paper tray media weight	60 - 220 g/m²	Quick installation guide	✓
Ports & interfaces		Bundled software	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, OCR program
Standard interfaces	USB 2.0	Logistics data	
Direct printing *	✓	Harmonized System (HS) code	84433100
USB port	✓	Pallet gross weight	395 g
Network		Master (outer) cases per pallet	24 pc(s)
Wi-Fi *	✓	Layers per pallet	6 pc(s)
Ethernet LAN *	✓	Products per pallet	24 pc(s)
Cabling technology	10/100Base-T(X)	Technical details	
Ethernet LAN data rates	10,100 Mbit/s	Master (outer) cases per pallet layer 4 pc(s) <small>General Product Safety Regulation (GPSR) URL</small> <a href="https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laser-mfp-170-printer-series/model/24494366?sku=4ZB96A">https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laser-mfp-170-printer-series/model/24494366?sku=4ZB96A</a> <a href="http://h10032.www1.hp.com/ctg/Manual/c06266695.pdf">http://h10032.www1.hp.com/ctg/Manual/c06266695.pdf</a> ; <a href="http://h10032.www1.hp.com/ctg/Manual/c06270941.pdf">http://h10032.www1.hp.com/ctg/Manual/c06270941.pdf</a>	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Other features	
Wi-Fi Direct	✓	Number of users	5 user(s)
		Pallet dimensions (W x D x H)	1014 x 944 x 2390 mm
		Recommended system requirements	Windows 10 or newer, Intel® Pentium® IV 1 GHz 32-bit or 64-bit processor or higher, 1 GB RAM, 16 GB HDD



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