



HP Color Laser MFP 178nw, Color, Printer for Print, copy, scan, Scan to PDF

Brand : HP

Product family: Color Laser

Product code: 4ZB96A

Product name : HP Color Laser MFP 178nw, Color, Printer for Print, copy, scan, Scan to PDF

- 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, Color, Printer for Print, copy, scan, Scan to PDF:

Get productive MFP performance – world's smallest colour laser in its 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		Network	
Duplex printing mode	Manual	Wi-Fi *	✓
Print resolution colour	600 x 600 DPI	Ethernet LAN *	✓
Print resolution black	600 x 600 DPI	Cabling technology	10/100Base-T(X)
Print technology *	Laser	Ethernet LAN data rates	10,100 Mbit/s
Printing *	Colour printing	Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Duplex printing *	✓	Wi-Fi Direct	✓
Maximum resolution *	600 x 600 DPI	Security algorithms	IPSec, SNMPv2
Print speed (black, normal quality, A4/US Letter) *	18 ppm	Mobile printing technologies	Apple AirPrint, Google Cloud Print, Mopria Print Service
Print speed (colour, normal quality, A4/US Letter)	4 ppm	Performance	
Warm-up time	38 s	Maximum internal memory	128 MB
Time to first page (black, normal)	12.4 s	Internal memory *	128 MB
Time to first page (colour, normal)	25.3 s	Built-in processor	✓
Print margins (top, bottom, right, left)	5 mm	Processor frequency	800 MHz
N-in-1 print function	✓	Sound power level (printing)	6.5 dB
Watermark printing	✓	Design	
Secure printing	✓	Product colour *	Grey, White
Booklet printing function	✓	Market positioning *	Home & office
Poster printing function	✓	Built-in display *	✓
Copying		Display	LCD
Duplex copying *	✓	Display number of lines	2 lines
Copying *	Colour copying	Control type	Buttons
Maximum copy resolution *	600 x 600 DPI	Power	
Copy speed (black, normal quality, A4)	14 cpm	Power consumption (PowerSave)	0.2 W
Copy speed (colour, normal quality, A4)	4 cpm	Power consumption (printing)	300 W
Time to first copy (black, normal)	12.6 s	Power consumption (ready)	38 W
Time to first copy (colour, normal)	32.1 s	Power consumption (sleep)	1.9 W
Maximum number of copies	999 copies	Power consumption (off)	0.2 W
Copier resize	25 - 400%	Energy Star Typical Electricity Consumption (TEC)	1.093 kWh/week
N-in-1 copy function	✓	AC input voltage	110 - 240 V
		AC input frequency	50/60 Hz

Copying		Brand-specific features	
N-in-1 copy function (N=)	4, 2	HP Auto-On/Auto-Off	✓
ID-card copy function	✓	HP dynamic security	✓
Background adjustment function	✓		(ABT) 193015507203; (ABY) 193015507210; (ACQ) 193015507241; (B13) 193905621613; (B19) 193015507258; (BAZ) 193015507265
Auto fit function	✓	HP GTIN (EAN/UPC) with options	193015507203, 193015507210, 193015507241, 193905621613, 193015507258, 193015507265
Scanning		System requirements	
Scanning *	Colour scanning	Windows operating systems supported	Windows 8, Windows 7, Windows 11
Optical scanning resolution *	600 x 600 DPI	Mac operating systems supported	Mac OS X 10.14 Mojave, Mac OS X 10.13 High Sierra, Mac OS X 10.12 Sierra, Mac OS X 10.11 El Capitan
Maximum scan resolution	19200 x 19200 DPI	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2016
Maximum scan area	216 x 297 mm	Operational conditions	
Scanner type *	Flatbed scanner	Operating relative humidity (H-H)	10 - 80%
Scan technology	CIS	Storage temperature (T-T)	-20 - 40 °C
Scan to	Software, TWAIN, WIA	Operating temperature (T-T)	10 - 30 °C
Image formats supported	JPG, TIFF	Certificates	
Document formats supported	PDF	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.)
Input colour depth	24 bit	Sustainability	
Greyscale levels	256	Sustainable technologies and materials	Mercury free
Scan drivers	TWAIN, WIA	Doesn't contain	Mercury
TWAIN version	1.9	Weight & dimensions	
Fax		Width	406 mm
Faxing *	✗	Depth	363 mm
Features		Height	288.7 mm
Recommended duty cycle	100 - 500 pages per month	Weight	12.9 kg
Maximum duty cycle *	20000 pages per month	Packaging data	
Duplex functions *	Scan	Package width	501 mm
Digital sender	✓	Package depth	466 mm
Number of print cartridges *	4	Package height	398 mm
Printing colours *	Black, Cyan, Magenta, Yellow	Package weight	16.1 kg
Page description languages	SPL	Packaging content	
All-In-One-multitasking	✓	Cartridge(s) included	✓
Country of origin	China	Included cartridge capacity (black)	700 pages
	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	Included cartridge capacity (CMY)	500 pages
Replacement cartridges		Cables included	AC
HP segment	Small medium business	Manual	✓
Input & output capacity		Power cord included	✓
Total number of input trays *	1	Warranty card	✓
Total input capacity *	150 sheets	Quick installation guide	✓
Total output capacity *	50 sheets	Bundled software	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, OCR program
Paper tray 1 input capacity	150 sheets	Logistics data	
Paper input type	Paper tray	Harmonized System (HS) code	84433100
Maximum number of input trays	1	Pallet gross weight	395 g
Maximum input capacity	150 sheets		
Maximum output capacity	50 sheets		
Paper handling			
Maximum ISO A-series paper size *	A4		
Maximum print size	216 x 356 mm		
Paper tray media types *	Bond paper, Glossy paper, Heavy paper, Labels, Plain paper, Recycled paper, Thick paper		
ISO A-series sizes (A0...A9) *	A4, A5, A6		
Non-ISO print media sizes	Oficio		
JIS B-series sizes (B0...B9)	B5		
Custom media width	76 - 216 mm		
Custom media length	148.5 - 356 mm		
Paper tray media weight	60 - 220 g/m²		

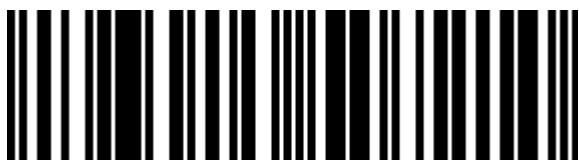
Ports & interfaces		Logistics data	
Standard interfaces	USB 2.0	Master (outer) cases per pallet	24 pc(s)
Direct printing *	✓	Layers per pallet	6 pc(s)
USB port	✓	Products per pallet	24 pc(s)
		Technical details	
		Master (outer) cases per pallet layer	
		4 pc(s)	
		Other features	
		Number of users	5 user(s)
		Pallet dimensions (W x D x H)	1014 x 944 x 2390 mm
		Windows 7 or newer, Intel®	
		Pentium® IV 1 GHz 32-bit or 64-bit processor or higher, 1 GB RAM, 16 GB HDD	
		Recommended system requirements	



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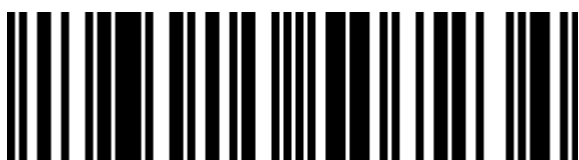
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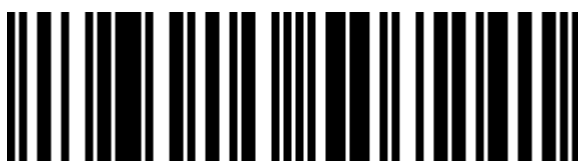
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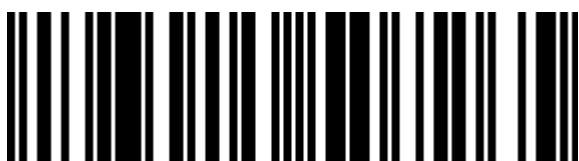
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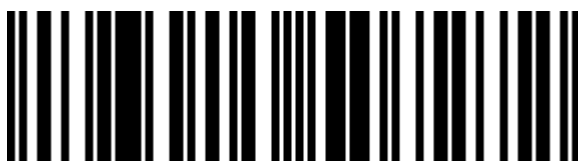
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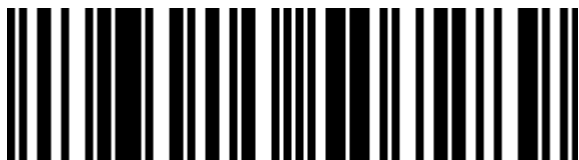
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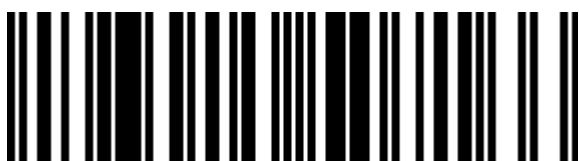
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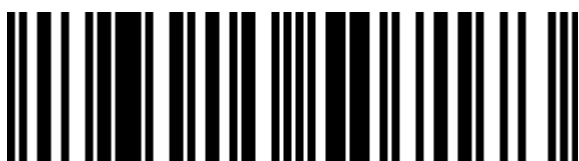
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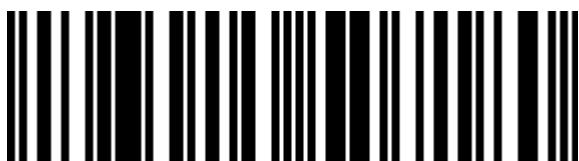
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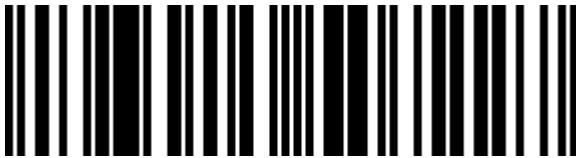
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