



# HP Color Laser MFP 170 series

## Full-featured laser printing. Entry-level pricing.

Get productive MFP performance – world's smallest in-class.<sup>1</sup> Print, scan, copy, and fax,<sup>2</sup> produce high-quality colour results, and print and scan from your phone.<sup>3</sup>



HP Color Laser MFP 178nw



HP Color Laser MFP 179fnw

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

## Highlights

- The world's smallest colour laser in its class<sup>1</sup>
- Crisp black and vibrant colour with HP toner
- Print, scan, copy and fax (fax in 'f' model only)
- Speeds up to 18/4 ppm (black/colour) in A4<sup>3</sup>
- 40-sheet automatic document feeder (179 only)
- Wireless/Ethernet-network printing
- In box 700/500 pages initial (black/colour)
- Easy mobile printing with the HP Smart app
- Apple AirPrint™, Mopria-certified, Google Cloud Print™ certified

### Legendary quality at an affordable price

- This surprisingly small laser delivers exceptional quality, page after page.
- Produce sharp text, bold blacks, and crisp colour graphics.
- Rely on a high-performance laser printer at an affordable price.

### Designed to fit your space

- Work efficiently with a small, compact MFP – world's smallest in-class.<sup>1</sup>
- Get print speeds up to 18/4 ppm.<sup>3</sup>
- Get hands-free printing, scanning, copying, and faxing, using the 40-page ADF.<sup>2</sup>
- Get quick and easy printing and faxing directly at the control panel.<sup>2</sup>

### Easy mobile printing and scanning with HP Smart app

- Get simple setup, and print and scan from your phone, with the HP Smart app.<sup>4</sup>
- Easily print from a variety of smartphones and tablets.<sup>5</sup>
- Easily share resources – access and print with wireless and Ethernet networking.<sup>6</sup>
- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.<sup>7</sup>



Mobile printing



Legendary HP reliability



Color laser performance



Easy ID copy



Compact size

## Product walkaround

### HP Color Laser MFP 179fnw

1. 40 page ADF (f model)
2. 2-line LCD and keypad
3. 18 ppm black, 4 ppm colour (A4)
4. Hi-Speed USB 2.0; Fast Ethernet; Fax ports
5. Flatbed scanner handles up to A4
6. 50 sheet output bin
7. Built-in wireless networking; Wi-Fi Direct printing
8. 150 sheet input tray
9. Pre-installed Original HP Toner cartridges deliver up to 700 pages black, 500 pages colour



## Series at a glance



Model	HP Color Laser MFP 178nw	HP Color Laser MFP 179fnw
Product number	4ZB96A	4ZB97A
Function	Print, copy, scan	Print, copy, scan, fax
Memory/processor	128MB/800MHz	
Control panel	2-line LCD and keypad	
Mobile printing	HP's best-in-class mobile app - HP Smart app; Mopria; AirPrint 1.8 enabled; Google Cloud Print™	
Connectivity	USB 2.0 high-speed; Wireless; Wi-Fi Direct; Ethernet	
Recommended Monthly Page Volume	500 pages	
Print speed	18 (black)/4 (colour) ppm	

## Configurable Items, Accessories, Supplies and Support

Supplies	5KZ38A HP Laser Toner Collection Unit (7,000 pages)
	W1120A HP 120A Original Laser Imaging Drum (Approximate average yield based on ISO/IEC 19798. Actual yield varies considerably based on content of printed pages and other factors. For details see <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a> . Mono 16,000 pages; Color 4,000 pages)
	W2070A HP 117A Black Original Laser Toner Cartridge (~1,000 pages)
	W2071A HP 117A Cyan Original Laser Toner Cartridge (~700 pages700 pages)
	W2072A HP 117A Yellow Original Laser Toner Cartridge (~700 pages700 pages)
	W2073A HP 117A Magenta Original Laser Toner Cartridge (~700 pages700 pages)
Service and Support	UB4X3E HP 3 years Standard Exchange Service for Color LaserJet 170 Multi-function Printer series UB4X0E 3 years Next Business Day Exchange Service for Color LaserJet 170 Multi-function Printer series UB4X6E 3 years Return to Depot Service for Color LaserJet 170 Multi-function Printer series (UB4X3E - available in All EMEA countries Except ME, Africa, South Africa, Israel, Turkey, UB4X0E - available in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia, UB4X6E - available in ME, Africa, South Africa, Israel, Turkey)

## Technical specifications

Model	HP Color Laser MFP 178nw		HP Color Laser MFP 179fnw
Product number	4ZB96A		4ZB97A
Functions	Print, copy, scan		Print, copy, scan, fax
Control panel	2-Line LCD; 13 Buttons: Power, Cancel, Start(Monochrome/Colour), Navigation (Menu, OK, Back, Left, Right), ID_Copy, Contrast, Scan to, Wireless; LED indicator lights: Power, Status, Wireless		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
Print			
Print technology	Laser		
Print speed <sup>1</sup>	Black (A4, normal) Up to 18 ppm Colour (A4, normal): Up to 4 ppm		
First page out <sup>2</sup>	Black (A4, ready): As fast as 12.4 sec Colour (A4, ready): As fast as 25.3 sec ; Black (A4, sleep): As fast as 13 sec (15 min) Colour (A4, sleep): As fast as 26 sec (15 min)		
Print resolution	Black (best): Up to 600 × 600 dpi 4 bits Colour (best): Up to 600 × 600 dpi 4 bits ; Technology: ReCP		
Monthly duty cycle	Up to 20,000 pages A4; Recommended monthly page volume <sup>3</sup> : 100 to 500	Up to 20,000 pages A4; Recommended monthly page volume <sup>15</sup> : 100 to 500	
Printer smart software features	Manual duplex and booklet print, N-up printing, skip blank pages, poster print, watermarks		
Standard print languages	SPL		
Print area	Print margins Top: 5 mm, Bottom: 5 mm, Left: 5 mm, Right: 5 mm; Maximum print area: 216 x 356 mm		
Duplex printing	Manual (driver support provided)		
Copy			
Copy speed <sup>4</sup>	Black (A4): Up to 14 cpm; Colour (A4): Up to 4 cpm		
Copier specifications	Copies; Original Size; Reduce/Enlarge; Darkness; Original Type; Collation; 2-Up; 4-Up; ID Copy; Adjust Background; Auto Fit Copy; Colour Mode; ; Maximum number of copies: Up to 999 copies; Reduce/Enlarge: 25 to 400%		
Scan			
Scan speed		Normal (A4): Up to 15 ipm (black and white), up to 6 ipm (colour)	
Scan file format	PDF, JPG, TIFF		
Scanner specifications	Scanner type: Flatbed; Scan technology: Contact Image Sensor (CIS); Scan input modes: Front-panel scan, copy, HP MFP scan software, user application via TWAIN or WIA; Twain version: Version 1.9; Scan size maximum (flatbed): 216 x 297 mm; Optical scan resolution: Up to 600 × 600 dpi		Scanner type: Flatbed, ADF; Scan technology: Contact Image Sensor (CIS); Scan input modes: Front-panel scan, copy, HP MFP scan software, user application via TWAIN or WIA; Twain version: Version 1.9; Scan size maximum (flatbed): 216 x 297 mm; Optical scan resolution: Up to 600 × 600 dpi
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		
Recommended monthly scan volume	6250 to 10,500		
Scannable area	Maximum media size (flatbed): 216 x 297 mm;		Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 145 x 145 mm Maximum media size (ADF): 216 x 356 mm
Bit depth/ Grey scale levels	8-bit (mono); 24-bit (color) / 256		24-bit (color); 8-bit (mono) / 256
Digital sending	Standard: Scan to WSD; PC Scan		
Fax			
Fax	No,		Yes, 33.6 kbps
Fax specifications			Fax memory: Up to 400 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; Quick dialing: Up to 200 numbers
Fax smart software features			Permanent fax memory backup, colour faxing, auto fax reduction, auto redialing, delayed sending, fax forwarding, PC fax, secure receive
Processor speed	800 MHz		
Connectivity			
Standard	Hi-speed USB 2.0 port; Fast Ethernet 10/100Base-Tx network port; Wireless 802.11 b/g/n		
Wireless	Yes, built-in Wi-Fi 802.11 b/g/n		
Mobile printing capability	HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing; Google Cloud Print™		
Supported network protocols	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		
Network capabilities	Via built-in 10/100 Base-TX networking		
Memory	Standard: 128 MB; Maximum <sup>7</sup> : 128 MB		
Media handling			
Number of paper trays	Standard: 1 ; Maximum: 1		
Media types	Plain, Light, Heavy, Extra Heavy, Coloured, Preprinted, Recycle, Labels, Bond, Glossy		
Media size	Custom (metric): 76 x 148.5 to 216 x 356 mm ; Supported (metric): Tray1: A4; A5; A6; B5 (JIS); Oficio 216 x 340. Tray2: Not supported; Optional Automatic duplexer: Not supported		Custom (metric): 76 x 148.5 to 216 x 356 mm ; Supported (metric): Tray1: A4; A5; A6; B5 (JIS); Oficio 216 x 340. Tray2: Not supported; Optional Automatic duplexer: Not supported ; ADF: B5
Media handling	Standard input: 150 sheet input tray Standard output: 50 sheet output bin		Standard input: 150 sheet input tray Standard output: 50 sheet output bin ADF: Standard, 40 sheets
Media weight	60 to 220 g/m²;		60 to 220 g/m²; ADF: 60 to 105 g/m²
Input capacity	Tray 1: Sheets (75 g/m²): 150 Maximum: Up to 150 sheets		Tray 1: Sheets (75 g/m²): 150 Maximum: Up to 150 sheets ADF: Standard, 40 sheets
Output capacity	Standard: Up to 50 sheets Maximum: Up to 50 sheets		
Compatible operating systems <sup>8</sup>	Windows 11; Windows 8; Windows 7; macOS 10.11 El Capitan; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave		
Compatible network operating systems	Windows 11; Windows 8; Windows 7; macOS 10.11 El Capitan; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave		
Minimum system requirements	Windows: Windows 7 or newer, Intel® Pentium® IV 1 GHz 32/64-bit processor or higher, 1 GB RAM, 16 GB available hard disk space; Mac: OS X v10.11 or newer, 1.5 GB available hard disk space, Internet, USB		Windows: Windows® 10, 8.1, 8, 7: 32/64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Mac: 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
Software included	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, OCR program		Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, HP LJ Network PC-FAX, OCR program
Security management	Password-protected network embedded Web server; Enable/disable Network ports; SNMPv1 community password change; SNMPV2&V3; IPSec; Filtering : MAC, IPv4, IPv6		
Dimensions and weight			
Printer dimensions (W x D x H) <sup>9</sup>	Minimum 406 x 363 x 288.7 mm; Maximum: 406 x 422.9 x 288.7 mm		Minimum 406 x 363 x 344.1 mm; Maximum: 421.9 x 422.9 x 344.1 mm
Printer weight <sup>10</sup>	12.94 kg		14.08 kg
Operating environment	Temperature: 10 to 30°C; Humidity: 20 to 70% RH (non-condensing)		
Storage conditions	Temperature: -20 to 40°C		
Acoustics	Acoustic power emissions: 6.5 B(A) (printing at 18 ppm with monochrome mode); 6.1 B(A) (printing at 4 ppm with colour mode);		Acoustic power emissions: 6.5 B(A) (printing with monochrome mode); 6.1 B(A) (printing with colour mode);
Power <sup>11</sup>	Requirements: 220-volt input voltage: 220 to 240 VAC, 50/60 Hz ; Consumption: 300 watts (active printing), 38 watts (ready), 1.9 watts (sleep), 0.2 watts (manual off), 0.2 watts (auto off/manual on) ; Typical Electricity Consumption (TEC) <sup>12</sup> : 0.876 kWh/Week (Blue Angel); 1.093 kWh/Week (Energy Star) ; Power supply type: Internal (Built-in) power supply		Requirements: 220-volt input voltage: 220 to 240 VAC, 50/60 Hz ; Consumption: 300 watts (active printing), 38 watts (ready), 1.9 watts (sleep), 0.2 watts (manual off) ; Typical Electricity Consumption (TEC) <sup>12</sup> : 0.876 kWh/Week (Blue Angel); 1.093 kWh/Week (Energy Star) ; Power supply type: Internal (Built-in) power supply
Energy savings feature technology	HP Auto-Off Technology		
Certifications	CE Marking, Nemko, Fimko, Demko, Semko, Eastern European Electromagnetic emission standard: 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.)		CE Marking, Nemko, Fimko, Demko, Semko, Eastern European Electromagnetic emission standard: 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)

	CECP	CECP Telecom compliance: EBR21
Sustainable impact specifications	Mercury free	
Country of origin	Made in China	
What's in the box <sup>13</sup>	4ZB96A 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	4ZB97A 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
Warranty	One-year limited hardware warranty; For more info please visit us at <a href="https://www.support.hp.com">https://www.support.hp.com</a>	

## Footnotes

<sup>1</sup> 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. For details, see [keypointintelligence.com/HPColorLaser](http://keypointintelligence.com/HPColorLaser).

<sup>2</sup> Fax capabilities and automatic document feeder only available on HP Color Laser MFP 179fnw.

<sup>3</sup> Excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>4</sup> Requires the HP Smart app download. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.

<sup>5</sup> For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.

<sup>6</sup> 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®.

<sup>7</sup> 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®.

## Technical specifications disclaimers

<sup>1</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>5</sup> HP recommends that the number of scanned pages per month be within the stated range for optimum device performance.

<sup>6</sup> May require a firmware upgrade to be compatible, download at <http://www.hp.com/go/support>.

<sup>7</sup> 128 MB (DDR3-1333).

<sup>8</sup> Windows 7 or higher.

<sup>9</sup> Dimensions vary as per configuration.

<sup>10</sup> Weight varies as per configuration.

<sup>11</sup> 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.

<sup>12</sup> 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.

<sup>13</sup> 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>.

