



# 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 (16000 pages4000 pagesMono 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 pages)                                                                                                                                                                                                                                                                                                          |
|                     | W2072A HP 117A Yellow Original Laser Toner Cartridge (700 pages)                                                                                                                                                                                                                                                                                                        |
|                     | W2073A HP 117A Magenta Original Laser Toner Cartridge (700 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 x 600 dpi 4 bits Colour (best): Up to 600 x 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 18 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%                                                                                              |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                  |
| First copy out                  | A4: As fast as 12.6 sec; Black: As fast as 32.1 sec Color;                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                  |
| Copy resolution                 | Color (text and graphics): Up to 600 x 600 dpi (flatbed); Up to 600 x 600 dpi                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                  |
| 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; Optical scan resolution: Up to 600 x 600 dpi (300 dpi for Mac OS)                                                 | 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; Optical scan resolution: Up to 600 x 600 dpi (300 dpi for Mac OS) |                                                                                                                                                                                                                                                                                                  |
| 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                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                  |

## Technical specifications

| Model                                       | HP Color Laser MFP 178nw                                                                                                                                                                                                                                                                                                                                                                                            | HP Color Laser MFP 179fnw                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product number                              | 4ZB96A                                                                                                                                                                                                                                                                                                                                                                                                              | 4ZB97A                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Media handling                              |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Number of paper trays                       | <b>Standard:</b> 1 ; <b>Maximum:</b> 1                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Media types                                 | Plain, Light, Heavy, Extra Heavy, Coloured, Preprinted, Recycle, Labels, Bond, Glossy                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Media size                                  | <b>Custom (metric):</b> 76 x 148.5 to 216 x 356 mm ; <b>Supported (metric):</b> Tray1: A4; A5; A6; B5 (JIS); Oficio 216 x 340. Tray2: Not supported; Optional Automatic duplexer: Not supported                                                                                                                                                                                                                     | <b>Custom (metric):</b> 76 x 148.5 to 216 x 356 mm ; <b>Supported (metric):</b> Tray1: A4; A5; A6; B5 (JIS); Oficio 216 x 340. Tray2: Not supported; Optional Automatic duplexer: Not supported ; <b>ADF:</b> B5                                                                                                                                                                                                                  |
| Media handling                              | <b>Standard input:</b> 150 sheet input tray <b>Standard output:</b> 50 sheet output bin                                                                                                                                                                                                                                                                                                                             | <b>Standard input:</b> 150 sheet input tray <b>Standard output:</b> 50 sheet output bin <b>ADF:</b> Standard, 40 sheets                                                                                                                                                                                                                                                                                                           |
| Media weight                                | 60 to 220 g/m <sup>2</sup> ;                                                                                                                                                                                                                                                                                                                                                                                        | 60 to 220 g/m <sup>2</sup> ; <b>ADF:</b> 60 to 105 g/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                               |
| Input capacity                              | <b>Tray 1:</b> Sheets (75 g/m <sup>2</sup> ): 150 <b>Maximum:</b> Up to 150 sheets                                                                                                                                                                                                                                                                                                                                  | <b>Tray 1:</b> Sheets (75 g/m <sup>2</sup> ): 150 <b>Maximum:</b> Up to 150 sheets <b>ADF:</b> Standard, 40 sheets                                                                                                                                                                                                                                                                                                                |
| Output capacity                             | <b>Standard:</b> Up to 50 sheets <b>Maximum:</b> Up to 50 sheets                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Compatible operating systems <sup>9</sup>   | Windows 11; Windows 8; 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; macOS 10.11 El Capitan; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Minimum system requirements                 | <b>Windows:</b> Windows 10 or newer, Intel® Pentium® IV 1 GHz 32-bit or 64-bit processor or higher, 1 GB RAM, 16 GB HDD;<br><b>Mac:</b> OS X v10.11 or newer, 1.5 GB available hard disk space, Internet, USB                                                                                                                                                                                                       | <b>Windows:</b> PC: Windows® 10, 8.1, 8, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer.;<br><b>Mac:</b> 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> | <b>Minimum</b> 406 x 363 x 288.7 mm; <b>Maximum:</b> 406 x 422.9 x 288.7 mm                                                                                                                                                                                                                                                                                                                                         | <b>Minimum</b> 406 x 363 x 344.1 mm; <b>Maximum:</b> 421.9 x 422.9 x 344.1 mm                                                                                                                                                                                                                                                                                                                                                     |
| Printer weight <sup>10</sup>                | 12.94 kg                                                                                                                                                                                                                                                                                                                                                                                                            | 14.08 kg                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Operating environment                       | <b>Temperature:</b> 10 to 30°C; <b>Humidity:</b> 20 to 70% RH (non-condensing)                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Storage conditions                          | <b>Temperature:</b> -20 to 40°C                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Acoustics                                   | <b>Acoustic power emissions:</b> 6.5 B(A) (printing at 18 ppm with monochrome mode); 6.1 B(A) (printing at 4 ppm with colour mode);                                                                                                                                                                                                                                                                                 | <b>Acoustic power emissions:</b> 6.5 B(A) (printing with monochrome mode); 6.1 B(A) (printing with colour mode);                                                                                                                                                                                                                                                                                                                  |
| Power <sup>11</sup>                         | <b>Requirements:</b> 220-volt input voltage: 220 to 240 VAC, 50/60 Hz ;<br><b>Consumption:</b> 300 watts (active printing), 38 watts (ready), 1.9 watts (sleep), 0.2 watts (manual off), 0.2 watts (auto off/manual on) ;<br><b>Typical Electricity Consumption (TEC)</b> <sup>12</sup> : 0.876 kWh/Week (Blue Angel); 1.093 kWh/Week (Energy Star) ;<br><b>Power supply type:</b> Internal (Built-in) power supply | <b>Requirements:</b> 220-volt input voltage: 220 to 240 VAC, 50/60 Hz ;<br><b>Consumption:</b> 300 watts (active printing), 38 watts (ready), 1.9 watts (sleep), 0.2 watts (manual off) ;<br><b>Typical Electricity Consumption (TEC)</b> <sup>12</sup> : 0.876 kWh/Week (Blue Angel); 1.093 kWh/Week (Energy Star) ;<br><b>Power supply type:</b> Internal (Built-in) power supply                                               |
| Energy savings feature technology           | HP Auto-Off Technology                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Certifications                              | CE Marking, Nemko, Fimko, Demko, Semko, Eastern European<br><b>Electromagnetic emission standard:</b> 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.)<br>CECP                                                | CE Marking, Nemko, Fimko, Demko, Semko, Eastern European<br><b>Electromagnetic emission standard:</b> 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.)<br>CECP<br><b>Telecom compliance:</b> 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.

<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>.

