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> HP Color Laser 179fnw Wireless All-in-One Printer User Manual

HP 4ZB97A

HP Color Laser 179fnw Wireless All-in-One Printer User Manual

MODEL: 4ZB97A

1. INTRODUCTION

This manual provides comprehensive instructions for the HP Color Laser 179fnw Wireless All-in-One Printer. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device. Please read this manual thoroughly before using the printer.



Figure 1: HP Color Laser 179fnw Wireless All-in-One Printer front view.

2. WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- HP Color Laser MFP M179fnw Printer
- HP LaserJet Black Introductory Toner Cartridge
- HP LaserJet Cyan Introductory Toner Cartridge
- HP LaserJet Magenta Introductory Toner Cartridge
- HP LaserJet Yellow Introductory Toner Cartridge
- Power Cord
- Phone Cord
- USB Cable
- Setup Guide
- Reference Guide
- Regulatory Statements Flyer

At a glance

Main features



Print
(Color)



Copy



Scan



Fax



Dual band
Wi-Fi®



Ethernet
networking



Print from
smartphone
and tablet



HP Color Laser
MFP 179fnw

Highlighted features



Legendary HP laser quality

This surprisingly small laser delivers exceptional quality, page after page.



World's smallest in-class color laser

You can fit this multifunction printer almost anywhere – it's that small and compact.



HP Smart app

Stay connected to business with simple setup and easily print, scan, and copy from your smartphone.



The right price

Rely on a high-performance laser multifunction printer at an affordable price.

Additional features

- Auto document feeder
- Flatbed scanner
- Scan to email via HP Smart app
- Wi-Fi Direct®
- 2-line LCD display with keypad
- Print from USB drive

- Included
- Not included

Figure 2: All items included in the printer packaging.

3. PRODUCT OVERVIEW

3.1 Key Features

- Print, Copy, Scan, and Fax capabilities
- Wireless and Ethernet networking
- Wi-Fi Direct for mobile printing
- 40-page Automatic Document Feeder (ADF)
- Flatbed scanner
- 2-line LCD display with keypad
- HP Smart app compatibility

World's smallest in-class color laser



Figure 3: Overview of printer features including flatbed scanner, ADF, LCD display, input tray, and connectivity options.



Access and print documents with wireless, Wi-Fi Direct[®] and Ethernet networking

Figure 4: Summary of main, highlighted, and additional features.

3.2 Dimensions and Connectivity Ports

The printer's compact design allows for efficient use of space. Refer to the diagram for detailed dimensions and the location of connectivity ports.

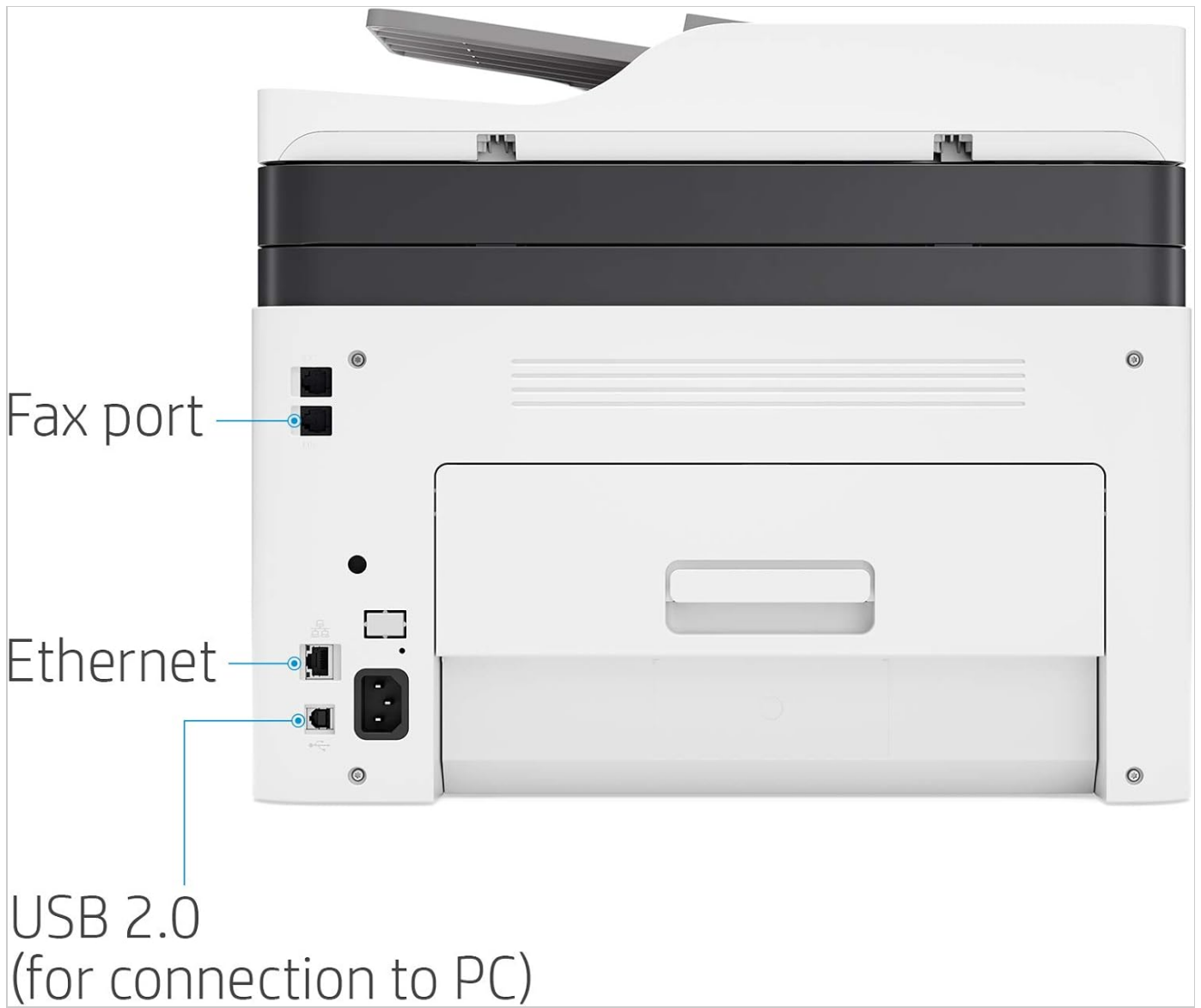


Figure 5: Printer dimensions: 16" (width), 13.6" (height), 14.3" (depth).



Figure 6: Rear ports including Fax, Ethernet, and USB 2.0 for PC connection.

4. SETUP

4.1 Unpacking and Placement

1. Remove the printer from its packaging and remove all protective tapes and packing materials.
2. Place the printer on a stable, flat surface with adequate ventilation.

4.2 Power Connection

1. Connect the power cord to the printer and then to a grounded electrical outlet.
2. Press the power button to turn on the printer.

4.3 Toner Cartridge Installation

1. Open the toner access door.
2. Remove the protective seals from each introductory toner cartridge.
3. Insert each cartridge into its corresponding slot until it clicks into place.
4. Close the toner access door.

4.4 Paper Loading

1. Pull out the input tray.

2. Adjust the paper guides to fit the paper size.
3. Load paper into the tray, print-side down.
4. Push the input tray back into the printer.

4.5 Software and Network Setup

For full functionality, install the HP Smart app and connect your printer to a network.

- **HP Smart App:** Download the HP Smart app from 123.hp.com on your mobile device or computer. Follow the on-screen instructions for guided setup.
- **Wireless Connection:** Use the HP Smart app to connect the printer to your Wi-Fi network. The printer features self-healing Wi-Fi to maintain a stable connection.
- **Ethernet Connection:** Connect an Ethernet cable from your router or network switch to the Ethernet port on the back of the printer.
- **USB Connection:** Connect a USB cable from your computer to the USB 2.0 port on the back of the printer.



Easily print and scan from your phone with HP Smart app

Figure 7: The HP Smart app facilitates easy setup and mobile printing/scanning.

5. OPERATING INSTRUCTIONS

5.1 Printing

The HP Color Laser 179fnw supports both color and monochrome printing.

- **From a Computer:** Select 'Print' from your application, choose the HP Color Laser 179fnw, and adjust settings as needed.
- **Mobile Printing:** Use the HP Smart app or Wi-Fi Direct to print directly from your smartphone or tablet.



Produce sharp text, bold blacks, and crisp color graphics

Figure 8: Example of a sharp, color document printed by the device.

5.2 Scanning

Documents can be scanned using either the flatbed scanner or the Automatic Document Feeder (ADF).

- **Flatbed Scanning:** Lift the scanner lid, place the document face-down on the glass, close the lid, and initiate scanning from the control panel or HP Smart app.
- **ADF Scanning:** Load multiple pages into the ADF tray face-up, adjust guides, and initiate scanning. The ADF supports up to 40 pages.

In the box



HP Color Laser 179fnw
Multifunction Printer



Introductory HP 116A LaserJet
Toner Cartridges
Black, Cyan, Magenta, Yellow



USB cable



Setup guide
Reference guide
Regulatory statements flyer



Power cord



Phone cord

Figure 9: The 40-page Automatic Document Feeder for hands-free scanning.



Figure 10: The flatbed scanner for single pages or delicate documents.

5.3 Copying

Place the document on the flatbed or in the ADF, then use the control panel to select copy options (e.g., number of copies, color/mono, size) and start copying.

5.4 Faxing

Connect a phone line to the fax port. Use the control panel to enter the recipient's fax number and send documents placed on the flatbed or in the ADF.

5.5 Using the Control Panel

The 2-line LCD display and keypad allow for direct control over printer functions, including network settings, copy options, and fax operations.

6. MAINTENANCE

6.1 Replacing Toner Cartridges

When a toner cartridge is low or empty, the printer will indicate this on the control panel or via the HP Smart app. Replace cartridges with genuine HP toner to ensure optimal print quality and printer longevity. Refer to the setup guide for detailed

replacement steps.

6.2 Cleaning the Printer

- **Exterior:** Wipe the exterior surfaces with a soft, damp, lint-free cloth.
- **Scanner Glass:** Clean the scanner glass with a soft cloth sprayed with glass cleaner. Do not spray cleaner directly onto the glass.
- **ADF Rollers:** Periodically clean the ADF rollers to prevent paper feed issues. Consult the HP support website for specific instructions.

6.3 Paper Tray Management

Ensure the paper tray is not overfilled and that paper guides are correctly adjusted for the loaded paper size to prevent jams.

7. TROUBLESHOOTING

7.1 Common Issues

- **Connectivity Problems:** Verify network cables are secure, Wi-Fi is enabled, and the printer is connected to the correct network. Use the HP Smart app for network diagnostics.
- **Print Quality Issues:** Check toner levels, ensure genuine HP cartridges are used, and clean the printer if necessary.
- **Printer Not Responding:** Restart the printer and your computer/mobile device. Check all cable connections.

7.2 Paper Jams

If a paper jam occurs, the printer's control panel will display an error message. Carefully follow the on-screen instructions or consult the HP support website for detailed steps to clear the jam from various access points within the printer.

7.3 Dynamic Security

This printer uses dynamic security, which may be updated periodically by firmware updates. The printer is intended to be used solely with cartridges using an original HP chip. Cartridges using a non-HP chip may not function or may cease to function. More information is available at www.hp.com/learn/ds.

8. SPECIFICATIONS

Feature	Specification
Model Number	4ZB97A
Printing Technology	Laser
Functions	Print, Copy, Scan, Fax
Connectivity Technology	Ethernet, USB, Wi-Fi
Max Print Speed (Monochrome)	19 ppm

Feature	Specification
Max Print Speed (Color)	4 ppm
Max Print Resolution (Monochrome)	600 dpi
Max Print Resolution (Color)	600 x 600 dpi
Duplex Printing	Manual (Automatic for scanning/copying via ADF)
Scanner Type	Flatbed, Document Feeder
Max Input Sheet Capacity	150 sheets (main tray), 40 sheets (ADF)
Supported Media Sizes	4 x 6 to 8.5 x 14 inch, Letter, Legal
Memory Storage Capacity	64 MB
Product Dimensions (D x W x H)	40 x 47 x 23 inches (approx. 15.7 x 18.5 x 9.1 inches)
Item Weight	37.7 pounds
Controller Type	Amazon Alexa, Vera
Included Components	Printer, Introductory Toner Cartridges (Black, Cyan, Magenta, Yellow), Power Cord, Phone Cord, USB Cable, Setup Guide, Reference Guide, Regulatory Statements Flyer

9. WARRANTY AND SUPPORT

9.1 Limited Hardware Warranty

The HP Color Laser 179fnw printer comes with a one-year limited hardware warranty. Please retain your proof of purchase for warranty claims.

9.2 Technical Support

For technical assistance, visit the official HP support website. Free HP Web support is available 24 hours a day, 7 days a week. The HP Smart app also provides support resources and troubleshooting tools.

