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› HP LaserJet Pro MFP 4101fdne Monochrome Printer User Manual

HP 4101fdne

HP LaserJet Pro MFP 4101fdne Monochrome Printer User Manual

Model: 4101fdne

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP LaserJet Pro MFP 4101fdne monochrome printer. This multifunction printer is designed for small teams, offering print, scan, copy, and fax capabilities with advanced security and smart office features.



Figure 1.1: Overview of the HP LaserJet Pro MFP 4101fdne printer highlighting its key features.

Video 1.1: Product Overview of the HP LaserJet Pro 4101e Series, demonstrating its design and core functionalities.

2. SETUP

2.1 Unpacking and Initial Setup

Carefully remove the printer from its packaging. Ensure all packing materials and protective tapes are removed. The HP LaserJet Pro MFP 4101fdne comes with a preinstalled HP Black Original LaserJet Toner Cartridge.

2.2 Connecting the Printer

This printer supports Ethernet and USB connectivity. Connect the printer to your network using an Ethernet cable or directly to your computer via a USB cable (USB cable sold separately).

- **Ethernet Connection:** Connect one end of an Ethernet cable to the printer's Ethernet port and the other end to your network router or switch.

- **USB Connection:** Connect a USB cable to the printer's USB port and to an available USB port on your computer.

2.3 Software Installation and HP+ Activation

The HP LaserJet Pro MFP 4101fdne utilizes a guided, cloud-based setup process. It requires an HP account and an internet connection for full functionality, especially for HP+ features.

- Download the HP Smart app from 123.hp.com or your device's app store.
- Follow the on-screen instructions in the HP Smart app to connect your printer to your network and activate HP+.
- HP+ provides advanced features, including enhanced security, remote management via the Smart Admin Dashboard, and automatic updates.



Print from any device anywhere with the HP Smart app

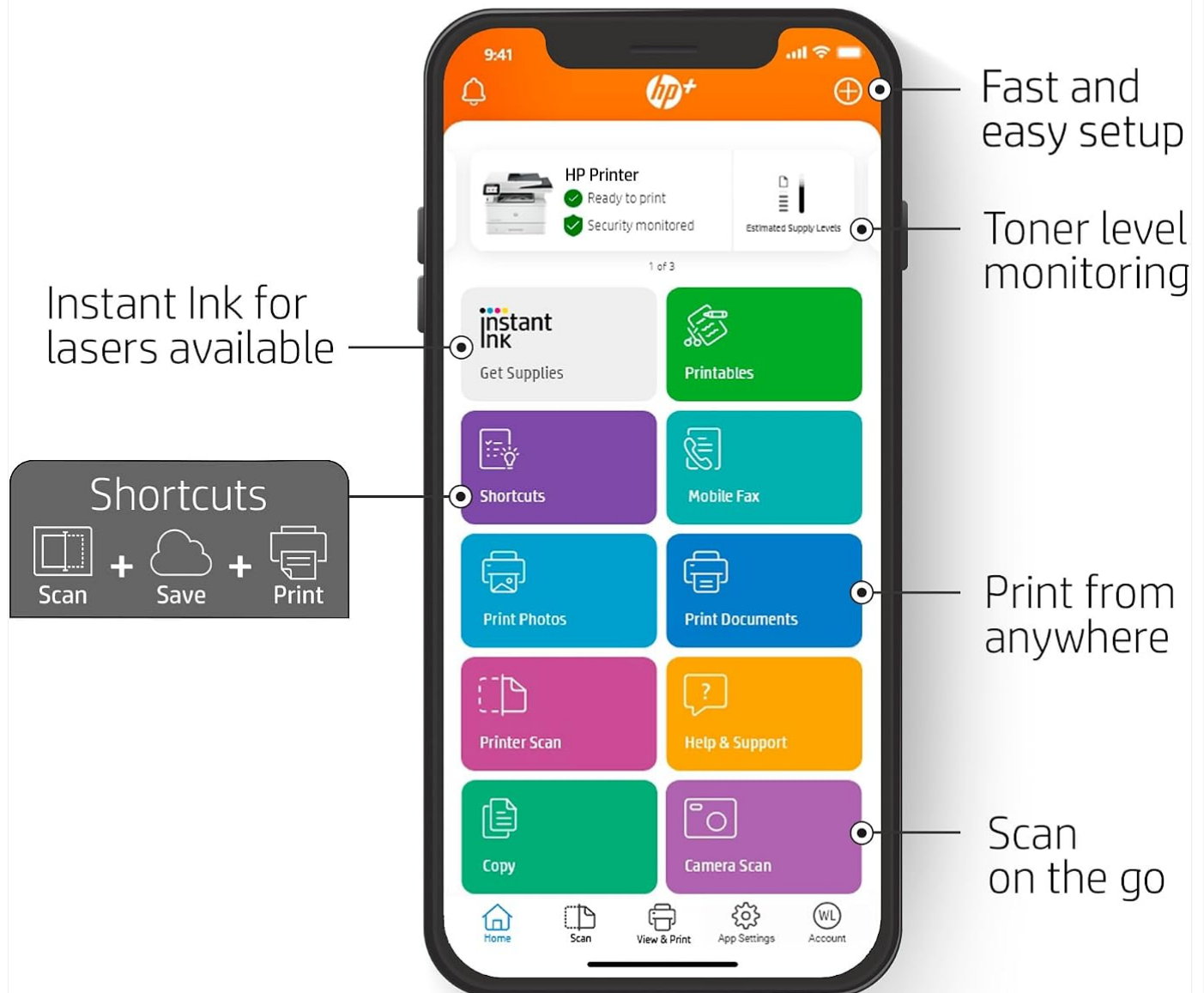


Figure 2.1: The HP Smart app interface, used for printer setup, monitoring, and mobile printing.

3. OPERATING INSTRUCTIONS

3.1 Control Panel Overview

The printer features a 2.7-inch (6.86 cm) intuitive color touchscreen (CGD) for easy navigation and control of all functions.

3.2 Loading Paper

The printer has a 100-sheet Tray 1 and a 250-sheet Input Tray 2. An optional 550-sheet Tray 3 can be added for increased capacity.

- **Tray 1:** Supports various media sizes including Letter, Legal, Executive, Oficio, 16K, Japanese Postcard, Envelopes, Custom Size (3 x 5 to 8.5 x 14 in). Supported media weight: 16 to 53 lb (60 to 200 g/m²).
- **Tray 2 & 3:** Supports Letter, Legal, Executive, Oficio, Custom Size (4.12 x 5.83 to 8.5 x 14 in). Supported media weight: 16 to 32 lb (60 to 120 g/m²).
- **Media Types:** Plain, EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough paper; envelopes; labels.

3.3 Printing

The printer offers fast monochrome printing at up to 42 pages per minute (ppm) with a resolution of 1200 x 1200 dpi. Automatic duplex (2-sided) printing is a default feature.

- Send print jobs from your computer or mobile device using the HP Smart app.
- Utilize the automatic duplex printing feature to save paper.

3.4 Scanning

The printer includes a 50-sheet Automatic Document Feeder (ADF) for efficient scanning of multiple pages.

- Place documents in the ADF or on the flatbed scanner.
- Use the control panel or the HP Smart app to initiate scanning and select scan settings.

3.5 Copying

Copy documents quickly with a maximum copy speed of 42 ppm. You can make up to 50 copies per run.

- Place documents on the flatbed or in the ADF.
- Adjust copy settings (e.g., number of copies, lighten/darken) using the control panel.

3.6 Faxing

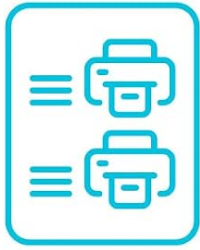
The HP LaserJet Pro MFP 4101fdne includes fax functionality.

- Connect a phone line to the printer's fax port.
- Use the control panel to send and receive faxes.

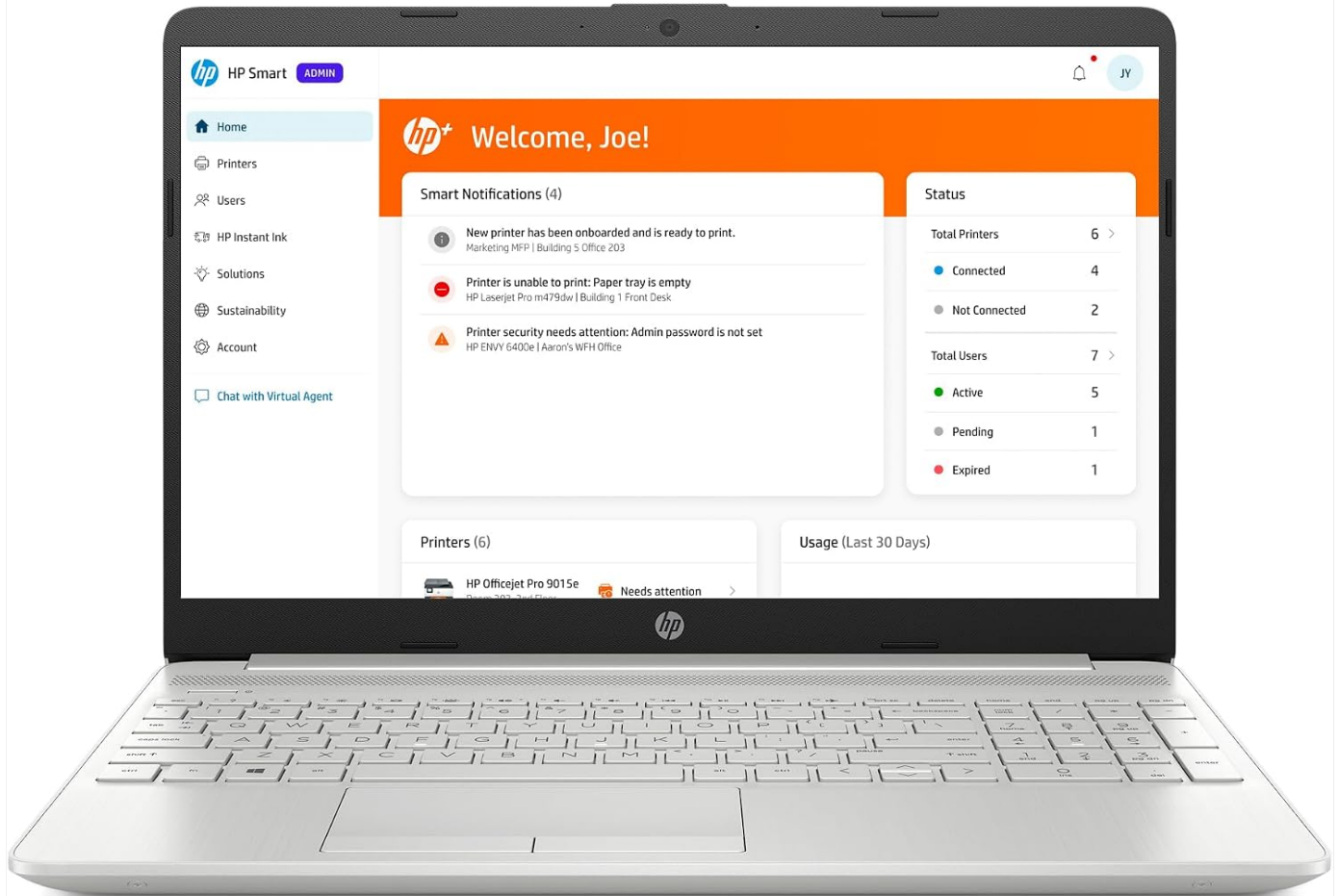
3.7 HP+ Smart Office Features

HP+ enhances your printer's capabilities with advanced security and management tools.

- **Smart Admin Dashboard:** Monitor usage, control settings, and onboard users across multiple printers from a single, cloud-based dashboard.
- **HP Wolf Pro Security:** Preconfigured settings and automated 24/7 monitoring help ensure your printer and data are secure.
- **Print Anywhere:** Print from virtually any device, on any network, using the HP Smart app.



Set up and manage printers in multiple locations with the HP Smart Admin Dashboard



Available with LaserJet Pro 3000e and 4000e printers.

Figure 3.1: The HP Smart Admin Dashboard for managing multiple printers remotely.

Video 3.1: Demonstration of the Smart Admin Dashboard, showcasing its features for printer management and monitoring.



HP WOLF SECURITY

Embedded proactive security with HP Wolf Pro



Figure 3.2: The HP LaserJet Pro MFP 4101fdne, highlighting its integrated HP Wolf Pro Security.

4. MAINTENANCE

4.1 Toner Cartridge Replacement

The printer uses HP 148A Black Original LaserJet Toner Cartridges (~2,900 pages) or HP 148X Black Original LaserJet Toner Cartridges (~9,500 pages).

- When the toner level is low, a notification will appear on the printer's display and in the HP Smart app.
- Open the toner access door, remove the old cartridge, and insert a new one until it clicks into place.

4.2 Instant Ink for Lasers

Enroll in HP Instant Ink for lasers to receive toner automatically when you need it, delivered directly to your location. This service helps ensure you never run out of toner and can save you up to 50% on supplies.

Video 4.1: Explanation of the Smart Printing Service, detailing how Instant Ink works to automatically deliver toner.

4.3 Cleaning the Printer

Regularly clean the exterior of the printer with a soft, damp cloth. For internal cleaning, refer to the detailed instructions available on the HP support website.

5. TROUBLESHOOTING

If you encounter issues with your HP LaserJet Pro MFP 4101fdne, consider the following basic troubleshooting steps:

- **Printer Not Responding:** Ensure the printer is powered on and properly connected to the network or computer. Check for any error messages on the control panel.
- **Print Quality Issues:** Verify that the toner cartridge is correctly installed and has sufficient toner. Perform a print quality diagnostic from the printer's control panel.
- **Paper Jams:** Follow the on-screen instructions on the printer's display to clear any paper jams. Always remove jammed paper carefully to avoid tearing.
- **Connectivity Problems:** Restart your printer, router, and computer. For network issues, check network cable connections and verify IP settings.
- **HP+ Features Not Working:** Ensure your printer has an active internet connection and your HP account is properly linked. Check the HP Smart Admin Dashboard for status updates.

For more detailed troubleshooting guides and solutions, visit the official HP support website at hp.com/support.

6. SPECIFICATIONS

Feature	Specification
Functions	Print, Copy, Scan, Fax
Print Speed (Black)	Up to 42 ppm
First Page Out (Black)	As fast as 6.1 sec
Print Resolution (Black)	Fine Lines (1200 x 1200 dpi)
Monthly Duty Cycle	Up to 80,000 pages
Recommended Monthly Page Volume	750 to 4,000 pages
Display	2.7" (6.86 cm) intuitive color touchscreen (CGD)
Connectivity	1 Front USB port; Gigabit Ethernet 10/100/1000BASE-T network
Memory	512 MB (standard and maximum)
Input Paper Trays	100-sheet Tray 1, 250-sheet Input Tray 2 (standard); Max 3 trays
Automatic Document Feeder (ADF)	50-sheet
Duplex Printing	Automatic (default)
Compatible Cartridges	HP 148A Black Original LaserJet Toner Cartridge, HP 148X Black Original LaserJet Toner Cartridge

Feature	Specification
Power Consumption	510 watts (active printing)
Dimensions (W X D X H)	16.54 x 15.35 x 12.72 in
Weight	27.78 lb

7. WARRANTY AND SUPPORT

The HP LaserJet Pro MFP 4101fdne comes with a **Two-year Bench/Depot Repair warranty**. Warranty and support options may vary by product, country, and local legal requirements.

For comprehensive support, including drivers, software, troubleshooting, and contact information, please visit the official HP support website:

hp.com/support

You may also contact your contractual vendor for information regarding HP's award-winning service and support options in your region.

ASK A QUESTION ABOUT THIS MANUAL

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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