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HP 4001n

# HP LaserJet Pro 4001n Black & White Printer User Manual

Model: 4001n

## 1. INTRODUCTION AND OVERVIEW

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This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP LaserJet Pro 4001n Black & White Printer. Designed for efficiency and security, this printer is ideal for small teams and office environments.

Key features include fast print speeds, easy setup, mobile printing capabilities, and advanced security features with HP Wolf Pro Security.



Figure 1.1: Front view of the HP LaserJet Pro 4001n printer.

## HP LaserJet Pro 4001n

Print

 B&W



Print up to 42 pages per minute



Mobile printing

Figure 1.2: Overview of key features including print speed and mobile printing.

## 2. SETUP GUIDE

### 2.1 Unpacking and Initial Placement

Carefully remove the printer from its packaging. Ensure all packing materials and protective tapes are removed.

Place the printer on a stable, level surface with adequate ventilation.

## 2.2 What's in the Box

# In the box

## HP LaserJet Pro 4001n



Power cord



Original HP 148A  
Black Toner Cartridge

Figure 2.1: Included items in the HP LaserJet Pro 4001n package.

- HP LaserJet Pro 4001n Printer
- Toner Cartridges (HP 148A Black Original LaserJet Toner Cartridge)
- Getting Started Guide
- Warranty Guide
- Power cord

## 2.3 Connecting the Printer

The HP LaserJet Pro 4001n supports Ethernet and USB connections.

Ethernet



100-sheet paper tray

250-sheet paper tray

Print from any device



Figure 2.2: Connection points and paper trays.



Figure 2.3: Rear view with Ethernet and USB ports.

1. **Power Connection:** Connect the power cord to the printer and then to a grounded electrical outlet.
2. **Network Connection (Ethernet):** For network printing, connect an Ethernet cable from your router or network switch to the Ethernet port on the back of the printer.
3. **Direct Connection (USB):** For a direct connection to a computer, use a USB cable (not included) to connect the printer's USB port to your computer's USB port.

## 2.4 Loading Paper

The printer features a 100-sheet multipurpose tray and a 250-sheet input tray.

1. Open the desired paper tray.
2. Adjust the paper guides to fit the paper size.
3. Load the paper stack into the tray, ensuring it is flat and within the guides.

## 2.5 Installing Toner Cartridge

Refer to the Getting Started Guide for detailed instructions on installing the toner cartridge. Ensure the cartridge is securely seated to prevent printing issues.

## 3. OPERATING THE PRINTER

### 3.1 Basic Printing

Once connected and drivers are installed, you can print from your computer or mobile device. Select the HP LaserJet Pro 4001n from your application's print dialog.

### 3.2 Mobile Printing with HP Smart App

The HP Smart app allows for remote printing, monitoring toner levels, and other functions from your mobile device or PC.

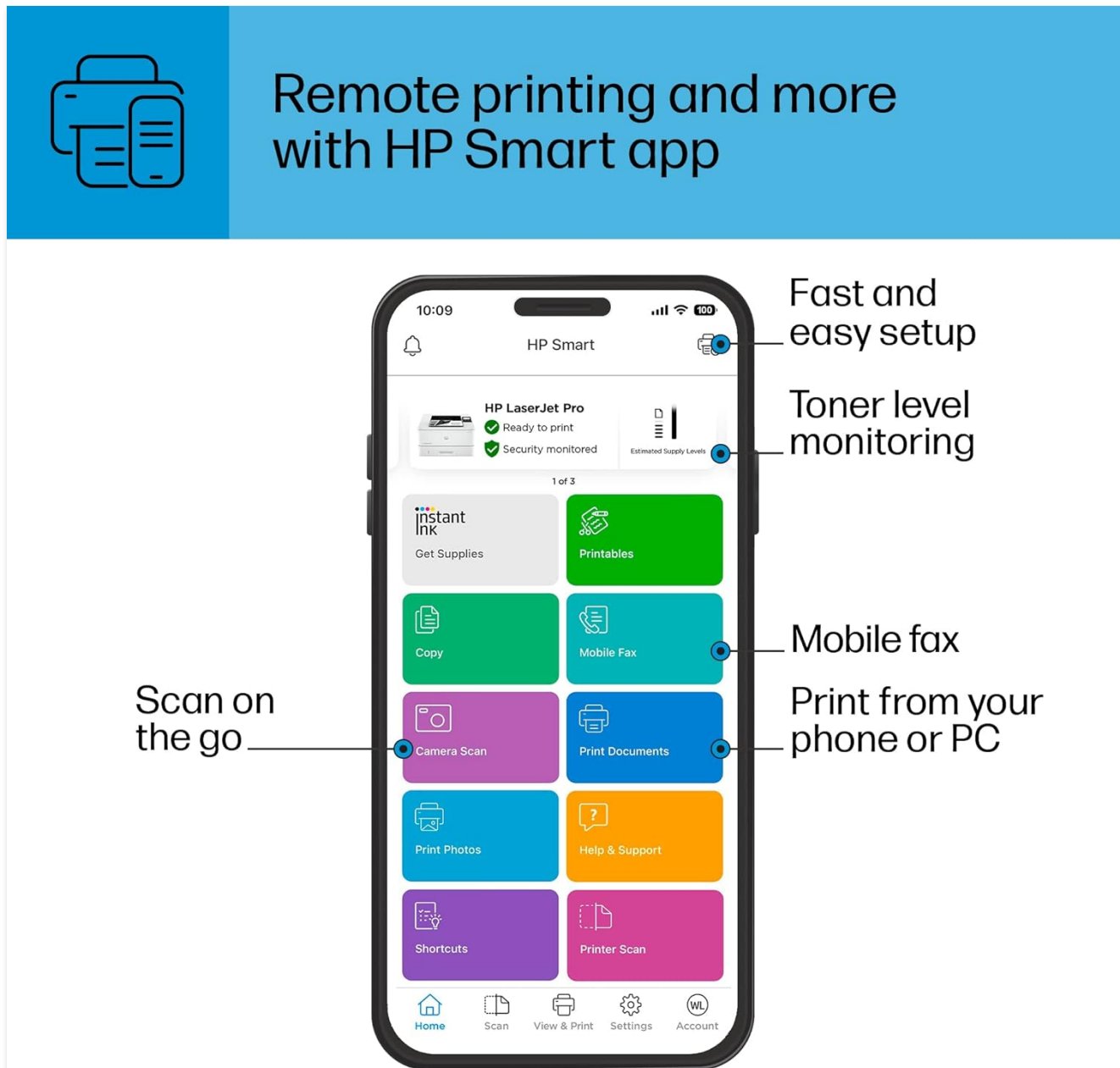


Figure 3.1: HP Smart App interface for managing your printer.

Download the HP Smart app from your device's app store or HP's official website for full functionality.

### 3.3 Advanced Security with HP Wolf Pro Security

The HP LaserJet Pro 4001n includes HP Wolf Pro Security to protect your data and network. This feature offers customizable settings to ensure your printer and information remain secure.



# HP Wolf Pro Security keeps your information and network safe



Figure 3.2: HP Wolf Pro Security ensures data and network safety.

## 4. MAINTENANCE

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### 4.1 Toner Cartridge Replacement

When the toner level is low, the printer will indicate that the cartridge needs replacement. Compatible cartridges include HP 148A Black Original LaserJet Toner Cartridge (~2,900 pages) and HP 148X Black Original LaserJet Toner Cartridge (~9,500 pages).

### 4.2 Cleaning the Printer

Regularly clean the exterior of the printer with a soft, damp, lint-free cloth. Do not use abrasive cleaners or solvents. For internal cleaning, refer to the detailed instructions in the comprehensive user guide available on the HP support website.

### 4.3 Firmware Updates

HP periodically releases firmware updates to improve printer performance, add features, and enhance security. It is

recommended to keep your printer's firmware up to date. Updates can typically be managed through the HP Smart app or HP's official support website.

## 5. TROUBLESHOOTING

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This section addresses common issues you might encounter with your HP LaserJet Pro 4001n printer.

### 5.1 Common Printing Issues

- **Printer Not Responding:** Check power connections, USB/Ethernet cable connections, and ensure the printer is turned on. Restart both the printer and your computer.
- **Paper Jams:** Follow the on-screen instructions or printer display messages to clear paper jams. Always pull paper in the direction of the paper path to avoid tearing.
- **Poor Print Quality:** Check toner levels. Ensure you are using genuine HP toner cartridges. Perform a print quality diagnostic from the printer's control panel or software.
- **Connectivity Problems:** For Ethernet connections, verify network cable integrity and router status. For USB, try a different USB port or cable. Ensure printer drivers are correctly installed.

### 5.2 Further Assistance

For more detailed troubleshooting steps or complex issues, please visit the official HP support website or contact HP customer service. Online resources often include diagnostic tools, updated drivers, and comprehensive guides.

## 6. SPECIFICATIONS

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Below are the technical specifications for the HP LaserJet Pro 4001n Black & White Printer:



Figure 6.1: Product dimensions.

Feature	Specification
Model Name	LaserJet Pro 4001n
Printing Technology	Laser
Printer Output	Monochrome
Max Print Speed (Monochrome)	Up to 42 ppm (pages per minute)
Max Print Resolution	4800 x 600 DPI (Dots Per Inch)
Connectivity Technology	Ethernet, USB
Duplex Printing	Manual

Feature	Specification
Max Input Sheet Capacity	350 sheets (100-sheet multipurpose tray, 250-sheet input tray)
Compatible Cartridges	HP 148A Black Original LaserJet Toner Cartridge (~2,900 pages), HP 148X Black Original LaserJet Toner Cartridge (~9,500 pages)
Product Dimensions (DxWxH)	14.1 x 15 x 8.5 inches
Item Weight	20.9 pounds
Power Consumption	495 Watts (On-mode)
Initial Page Print Time	6.1 seconds

## 7. WARRANTY AND SUPPORT

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### 7.1 Warranty Information

The HP LaserJet Pro 4001n printer comes with a limited warranty. For specific terms and conditions, please refer to the Warranty Guide included in your product packaging or visit the official HP support website.

### 7.2 Customer Support

For technical assistance, driver downloads, product registration, and additional resources, please visit the official HP support website: [www.hp.com/support](http://www.hp.com/support). You can also find contact information for HP customer service in your region on their website.