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> HP LaserJet P2055dn Workgroup Laser Printer User Manual

## HP P2055dn

# HP LaserJet P2055dn Workgroup Laser Printer User Manual

Model: P2055dn | Part Number: CE459A

## 1. INTRODUCTION

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This document serves as a comprehensive user manual for the HP LaserJet P2055dn Workgroup Laser Printer. It provides essential information for setting up, operating, maintaining, and troubleshooting your printer. The HP LaserJet P2055dn is a monochrome laser printer designed for workgroup environments, featuring fast print speeds, automatic two-sided printing (duplex), and built-in network connectivity.

Please read these instructions carefully to ensure proper use and to maximize the performance and longevity of your device.

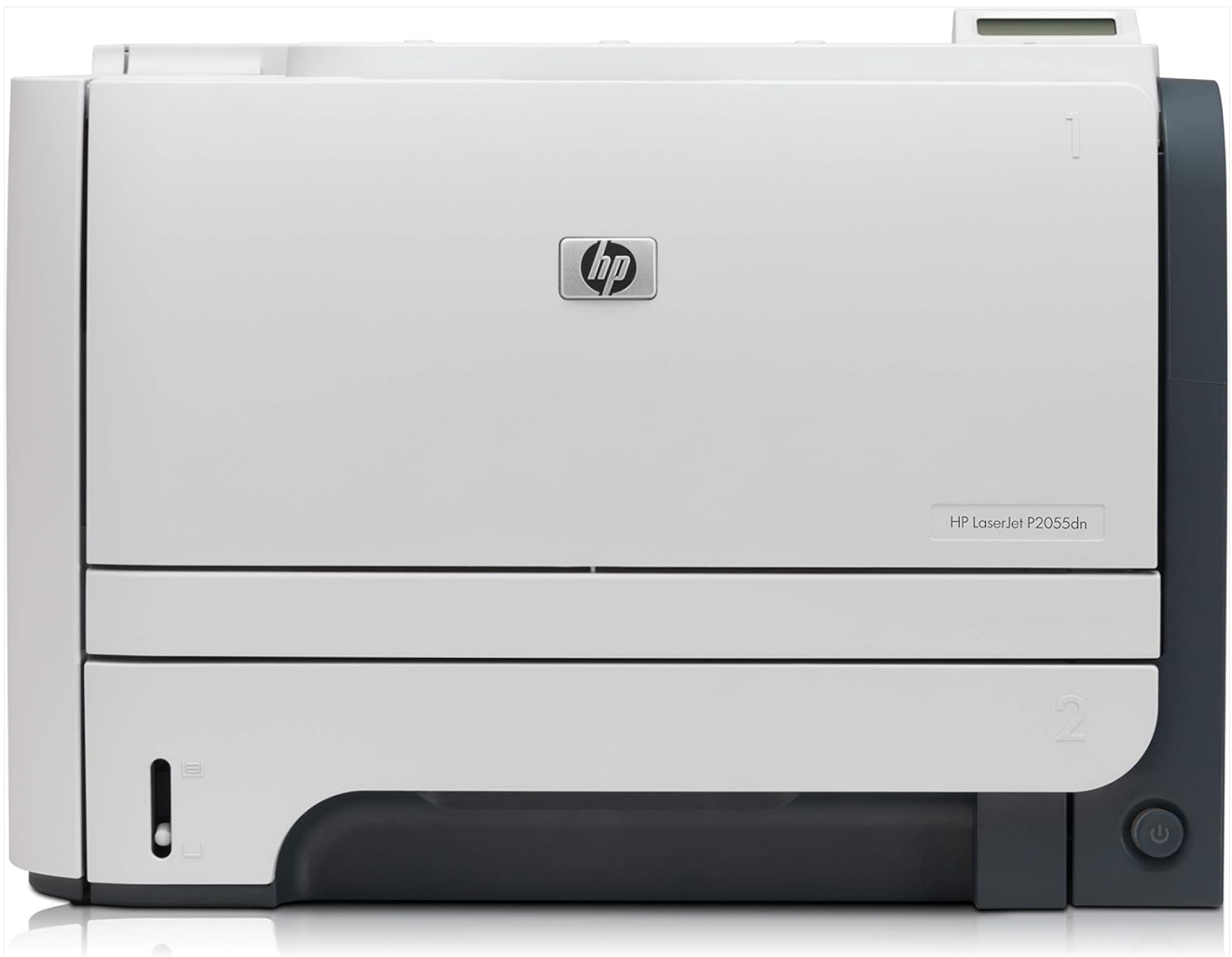


Figure 1: Front view of the HP LaserJet P2055dn printer. This image shows the printer's compact design with its paper trays closed.

## 2. WHAT'S IN THE BOX

Upon unpacking your HP LaserJet P2055dn printer, verify that all the following components are included:

- HP LaserJet P2055dn Printer
- New Generic Consumables (Toner Cartridge)
- Power Cable
- Network Cable
- Setup Guide / Documentation

**Note:** The included toner cartridge is a new generic consumable. Ensure it is properly installed before first use.

## 3. SETUP INSTRUCTIONS

### 3.1 Unpacking and Placement

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

### 3.2 Installing the Toner Cartridge

1. Open the top cover of the printer.

2. Remove the new toner cartridge from its packaging and gently shake it side-to-side to distribute the toner evenly.
3. Remove any protective seals or tabs from the cartridge as indicated by the cartridge instructions.
4. Insert the toner cartridge into the printer until it clicks into place.
5. Close the top cover.

### 3.3 Loading Paper

1. Open the main input tray (Tray 2, typically at the bottom).
2. Adjust the paper guides to the correct paper size (e.g., US Letter).
3. Load a stack of paper into the tray, ensuring it is flat and below the maximum fill line.
4. Close the tray.
5. For Tray 1 (multipurpose tray), pull down the front flap, extend the tray, and adjust guides before loading paper.



Figure 2: HP LaserJet P2055dn with paper loaded in the output tray, ready for printing.

### 3.4 Connecting the Printer

1. **Power Connection:** Connect the power cable to the printer and then to a grounded electrical outlet.

2. **Network Connection (Ethernet):** For network printing, connect one end of the Ethernet cable to the printer's network port and the other end to an available port on your network router or switch.
3. **USB Connection:** For direct connection, connect one end of the USB cable to the printer's USB port and the other end to your computer.

### 3.5 Installing Printer Drivers

After connecting the printer, install the appropriate printer drivers on your computer. Drivers can typically be found on the HP support website by searching for "HP LaserJet P2055dn drivers." Follow the on-screen instructions provided by the driver installation wizard.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On/Off

- To power on the printer, press the power button located on the front panel.
- To power off, press and hold the power button until the printer shuts down.



Figure 3: Angled view of the HP LaserJet P2055dn, highlighting the power button and control panel on the right side.

### 4.2 Basic Printing

1. Ensure the printer is powered on and connected to your computer or network.
2. Open the document you wish to print on your computer.
3. Select **File > Print** (or the equivalent command in your application).
4. Choose "HP LaserJet P2055dn" from the list of available printers.
5. Adjust print settings as needed (e.g., number of copies, paper source).
6. Click **Print**.

### 4.3 Duplex (Two-Sided) Printing

The HP LaserJet P2055dn supports automatic duplex printing. To enable this feature:

1. In the print dialog box, select "HP LaserJet P2055dn".
2. Navigate to the printer properties or preferences.
3. Look for an option related to "Print on Both Sides," "Duplex Printing," or "Two-Sided Printing."
4. Select the desired duplex option (e.g., long-edge binding or short-edge binding).
5. Click **OK** and then **Print**.

**Note:** Some operating systems or driver installations may require manual configuration to enable duplex printing options. Ensure you have the latest drivers installed from the HP website.

## 5. MAINTENANCE

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### 5.1 Replacing the Toner Cartridge

When the toner level is low, the printer's control panel will display a message. Replace the toner cartridge as follows:

1. Ensure the printer is powered on.
2. Open the top cover of the printer.
3. Grasp the handle of the old toner cartridge and pull it straight out of the printer.
4. Unpack the new toner cartridge and gently shake it to distribute toner.
5. Remove any protective seals or tabs.
6. Insert the new cartridge into the printer until it locks into place.
7. Close the top cover.

**Caution:** Do not expose the toner cartridge to direct sunlight or strong artificial light for extended periods.

### 5.2 Cleaning the Printer

- **Exterior:** Wipe the exterior surfaces of the printer with a soft, lint-free cloth dampened with water. Do not use abrasive cleaners or solvents.
- **Interior:** Periodically open the top cover and gently remove any loose paper dust or toner residue with a dry, lint-free cloth. Avoid touching the transfer roller (usually green or blue) as oils from your skin can affect print quality.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your HP LaserJet P2055dn printer.

### 6.1 Paper Jams

1. If a paper jam occurs, the printer's control panel will display an error message indicating the location of the jam.
2. Carefully open the indicated access covers (e.g., top cover, rear door, tray).
3. Gently pull the jammed paper in the direction of the paper path. Avoid tearing the paper.
4. Ensure all paper fragments are removed.
5. Close all covers. The printer should resume printing.
6. **Tip:** Ensure paper is loaded correctly and not overfilled in the trays to prevent jams.

## 6.2 Print Quality Issues

- **Streaks or Fading:** The toner cartridge may be low or improperly installed. Try shaking the cartridge gently or replacing it.
- **Smudges:** Ensure you are using appropriate paper for laser printing. Clean the interior of the printer as described in the maintenance section.
- **Uneven Print:** Check if the toner cartridge is seated correctly.

## 6.3 Connectivity Problems

- **Printer Not Responding:** Verify the printer is powered on and all cables (power, USB, Ethernet) are securely connected.
- **Network Issues:** Check network cable connections. Ensure the printer has a valid IP address (check the control panel). Restart your router/switch if necessary.
- **Driver Issues:** Reinstall the latest printer drivers from the HP website.

## 6.4 Unusual Noises

If the printer makes loud or grinding noises, especially during startup, it may indicate an internal mechanical issue.

- Power off the printer and unplug it.
- Inspect the paper path and toner cartridge area for any obstructions or loose components.
- If the noise persists after checking for obstructions, contact support.

## 7. SPECIFICATIONS

Feature	Specification
Brand	HP
Model Name	P2055dn
Printing Technology	Laser
Printer Output	Monochrome
Maximum Print Speed (Monochrome)	33 ppm (pages per minute)
Maximum Print Resolution	1200 x 1200 DPI
Duplex Printing	Automatic
Connectivity Technology	Ethernet, USB 2.0
Max Input Sheet Capacity	250 sheets (main tray)

Feature	Specification
Output Sheet Capacity	250 sheets
Maximum Media Size	US Letter, A4
Item Weight	28.8 pounds
Product Dimensions	18 x 18 x 14 inches
Power Consumption	570 Watts (on-mode)
Memory Storage Capacity	384 MB

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

This HP LaserJet P2055dn printer comes with a **90-day limited warranty**. Please refer to the warranty documentation provided with your purchase for specific terms and conditions. This warranty typically covers defects in materials and workmanship under normal use.

### 8.2 Technical Support

For further assistance, technical support, or to download the latest drivers and firmware, please visit the official HP support website. You will typically need your printer's model number (P2055dn) and serial number (located on a label on the printer) when contacting support.

[Visit HP Support](#)