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## HP 6430e

# HP Envy 6430e 223R2B All-in-One Printer User Manual

Model: 6430e (223R2B)

## 1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your HP Envy 6430e 223R2B All-in-One Printer. The HP Envy 6430e is a versatile inkjet multifunction printer designed for home and small office use, offering printing, scanning, and copying capabilities. It features automatic duplex printing, Wi-Fi connectivity, and integration with the HP Smart app for convenient mobile printing.



Image 1.1: Front view of the HP Envy 6430e All-in-One Printer, showing its compact design and paper output tray.

## 2. SAFETY INFORMATION

- Always place the printer on a stable, level surface.
- Do not block ventilation openings.
- Use only the power adapter supplied with the printer.
- Keep ink cartridges out of reach of children.
- Avoid touching the printhead area to prevent damage and ink stains.
- Disconnect the power cord before cleaning or servicing the printer.

## 3. WHAT'S IN THE BOX

Verify that all components are present:

- HP Envy 6430e All-in-One Printer
- HP Starter Ink Cartridge(s) (Black and Tricolor)
- Power Cord
- Setup Guide

**Note:** A USB cable for direct connection to a computer is not included and must be purchased separately if needed.

## 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 flat, stable surface with adequate space around it for ventilation and paper handling.

### 4.2. Power Connection

1. Connect the power cord to the rear of the printer and then to a wall outlet.
2. Press the Power button to turn on the printer.

### 4.3. Install Ink Cartridges

1. Open the ink cartridge access door. The carriage will move to the center.
2. Wait until the carriage is idle and silent before proceeding.
3. Remove the new ink cartridges from their packaging.
4. Insert the black cartridge into the right slot and the tri-color cartridge into the left slot. Push firmly until they click into place.

5. Close the ink cartridge access door.

## 4.4. Load Paper

1. Pull out the input tray.
2. Slide the paper width guides outward.
3. Load a stack of plain white A4 paper into the input tray, print side down.
4. Slide the paper width guides inward until they rest against the edges of the paper.
5. Push the input tray back into the printer.

## 4.5. Software Installation and Connectivity

For full functionality, install the HP Smart app on your computer or mobile device.

- **Download HP Smart:** Visit [hpsmart.com](https://hpsmart.com) or your device's app store.
- **Connect to Wi-Fi:** Follow the on-screen instructions in the HP Smart app to connect your printer to your wireless network. The printer supports Wireless Dual Band, Wi-Fi Direct, AirPrint, and Mopria.
- **HP+ Activation:** This printer is HP+ enabled. To activate HP+ benefits, including an additional year of HP warranty and Instant Ink offers, you must create an HP account, maintain a continuous internet connection, and exclusively use original HP ink cartridges for the life of the printer.



*Image 1.2: Close-up of the HP Envy 6430e control panel, showing touch-sensitive buttons for Wi-Fi, information, and other functions.*

## 5. OPERATING INSTRUCTIONS

### 5.1. Printing

- **From a Computer:** Select 'Print' from your application, choose the HP Envy 6430e, and adjust settings as needed (e.g., paper size, color, duplex).
- **From a Mobile Device:** Use the HP Smart app to select documents or photos for printing. You can also use AirPrint (iOS) or Mopria (Android) for direct printing.
- **Duplex Printing:** The printer supports automatic two-sided (duplex) printing. Select this option in your print settings.



Image 1.3: Side view of the HP Envy 6430e printer, illustrating paper exiting the output tray after printing.

## 5.2. Scanning

- **Using the HP Smart App:** Open the HP Smart app, select 'Scan', and follow the prompts to scan documents or photos from the printer's flatbed scanner.
- **Placing Documents:** Lift the scanner lid and place the document face down on the scanner glass, aligning it with the guide.

## 5.3. Copying

- **Using the Control Panel:** Place the document on the scanner glass. Use the control panel buttons to select color or black-and-white copy and the number of copies.
- **Using the HP Smart App:** The app also provides options for copying, allowing for more advanced settings.

# 6. MAINTENANCE

## 6.1. Replacing Ink Cartridges

When an ink cartridge is low or empty, the printer will notify you. Replace cartridges with original HP 305 Black, HP 305 Tricolor, HP 305XL Black, or HP 305XL Tricolor cartridges.

1. Ensure the printer is on.
2. Open the ink cartridge access door.
3. Press down on the old cartridge to release it, then pull it out.
4. Unpack the new cartridge and insert it into the correct slot until it clicks.
5. Close the access door.

## 6.2. Cleaning the Printer

- **Exterior:** Wipe the exterior surfaces with a soft, lint-free cloth.
- **Scanner Glass:** Use a soft cloth lightly dampened with glass cleaner (non-abrasive) to clean the scanner glass.
- **Printhead Cleaning:** If print quality issues occur (e.g., streaks, faded colors), use the HP Smart app

or printer software to perform a printhead cleaning cycle.

## 7. TROUBLESHOOTING

### 7.1. Printer Not Responding

- Check power connections and ensure the printer is turned on.
- Verify Wi-Fi connection. Restart your router and printer if necessary.
- Ensure the printer is selected as the default printer on your device.

### 7.2. Print Quality Issues

- Check ink levels and replace any low or empty cartridges.
- Perform a printhead cleaning and alignment from the HP Smart app or printer software.
- Ensure you are using appropriate paper for your print job.

### 7.3. Paper Jams

- Turn off the printer and unplug the power cord.
- Carefully open all access doors and remove any jammed paper. Pull paper gently to avoid tearing.
- Ensure no small pieces of paper remain inside.
- Close all doors, plug in the power cord, and turn on the printer.

## 8. SPECIFICATIONS

- **Model Name:** HP Envy 6430e (223R2B)
- **Functionality:** Print, Scan, Copy
- **Print Technology:** HP Thermal Inkjet
- **Print Speed (Black):** Up to 10 ppm
- **Print Speed (Color):** Up to 7 ppm
- **Print Resolution (Black):** Up to 300 x 300 dpi
- **Print Resolution (Color):** Up to 4800 x 1200 optimized dpi
- **Duplex Printing:** Automatic (Standard)
- **Scanner Type:** Flatbed
- **Copy Speed (Black):** Up to 10 ppm
- **Connectivity:** Wireless Dual Band (Wi-Fi), Wi-Fi Direct, USB 2.0 (cable not included), AirPrint, Mopria
- **Paper Handling Input:** Up to 100 sheets
- **Supported Media Sizes:** A4, A5, A6, Envelopes, Photo Paper
- **Supported Media Weight:** 60 to 90 g/m<sup>2</sup> (plain paper)

- **Compatible Cartridges:** HP 305 Black, HP 305 Tricolor, HP 305XL Black, HP 305XL Tricolor
- **Product Dimensions (L x W x H):** Approximately 48 cm x 41 cm x 22 cm
- **Product Weight:** Approximately 6.16 kg

## 9. WARRANTY AND SUPPORT

Your HP Envy 6430e printer comes with a one-year limited hardware warranty. By activating HP+ during setup, you may be eligible for an additional year of HP commercial warranty, subject to HP's terms and conditions.

For technical support, driver downloads, and further information, please visit the official HP support website:

[HP Support Website](#)

Ensure you have your printer's serial number available when contacting support.