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Canon PIXMA TR7820

Canon PIXMA TR7820 Wireless Home All-in-One Printer User Manual

Model: PIXMA TR7820

1. Introduction

The Canon PIXMA TR7820 is an All-in-One inkjet printer designed for home use, offering printing, copying, and scanning functionalities. It features wireless connectivity and a compact design. This manual provides essential information for setting up, operating, and maintaining your printer to ensure optimal performance.



Image: The Canon PIXMA TR7820 printer, highlighting its wireless, print, copy, and scan capabilities.

2. What's in the Box

Verify that all the following items are included in your product packaging:

- Canon PIXMA TR7820 Printer
- 1 PG-285 Pigment Black Ink Cartridge
- 1 CL-286 Color Ink Cartridge
- Power Cord
- Documentation (User Guide, Setup CD-ROM if applicable)

What's in the Box

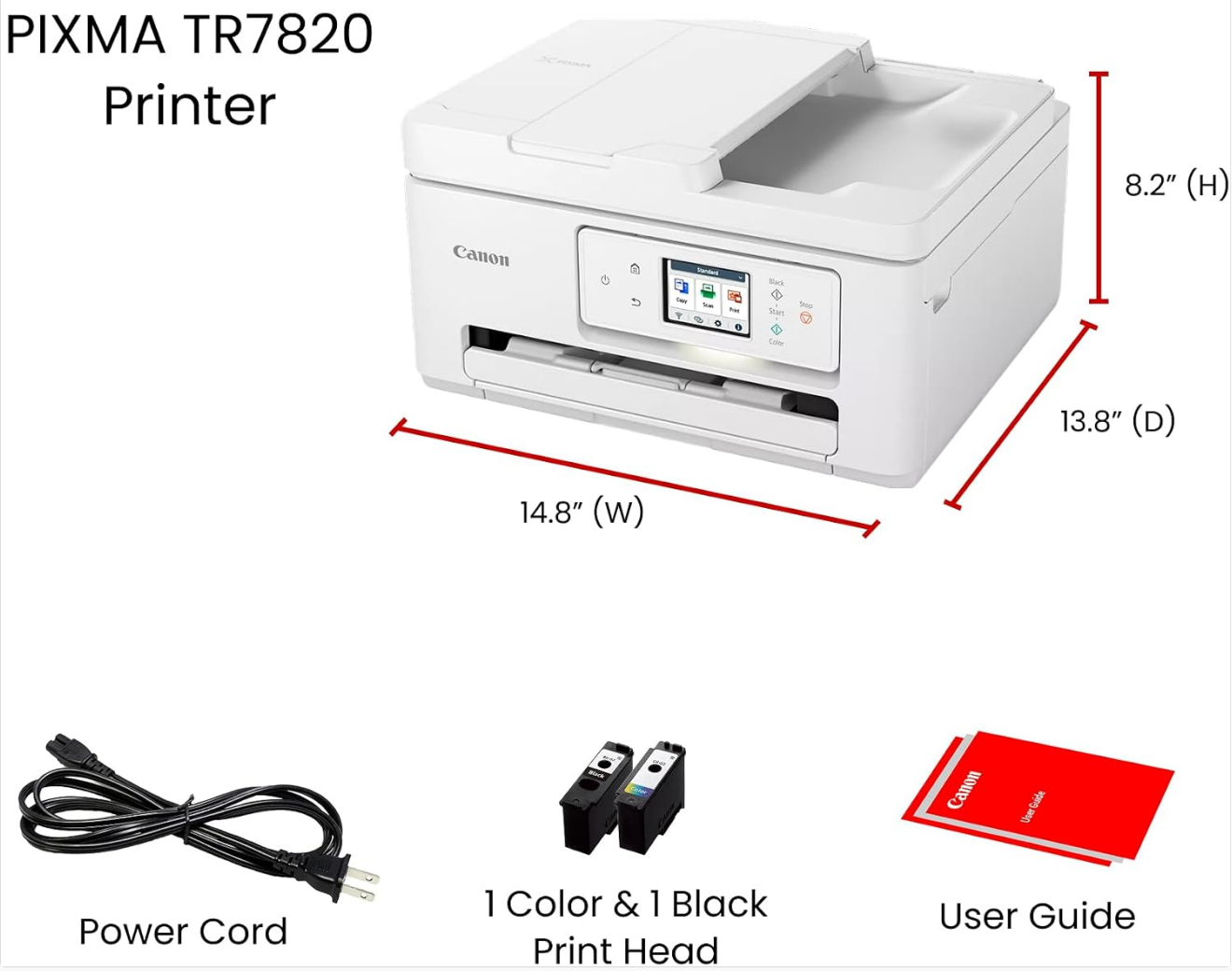


Image: The PIXMA TR7820 printer shown with its included power cord and ink cartridges.

3. Setup Instructions

Follow these steps for initial setup of your Canon PIXMA TR7820 printer:

1. **Unpack the Printer:** Remove all packaging materials, protective tapes, and orange stabilizers from the printer.
2. **Connect Power:** Plug the power cord into the printer and then into a wall outlet. Turn on the printer.
3. **Install Ink Cartridges:** Open the printer cover and install the PG-285 Black and CL-286 Color ink cartridges into their respective slots. Close the cover.
4. **Load Paper:** Load plain paper into the front paper cassette or the rear paper tray.
5. **Connect to a Device:** Establish a connection via USB or Wi-Fi. For Wi-Fi setup, follow the on-screen instructions on the printer's LCD touchscreen or refer to the detailed network setup guide.
6. **Install Software:** Install the necessary drivers and software on your computer or mobile device from the provided CD-ROM or Canon's official website.

Your browser does not support the video tag.

Video: Official Canon product video demonstrating the features and setup of a Canon printer. This video provides a visual guide to the printer's capabilities.

4. Operating Instructions

4.1. Printing Documents and Photos

The PIXMA TR7820 can print documents at approximately 15 images per minute (black) and 10 images per minute (color). It supports various media types and sizes up to 8.5" x 11".

- **Standard Printing:** Select the print function from your computer or mobile device, choose your printer, and adjust settings as needed.
- **Auto Duplex Printing:** This feature allows automatic printing on both sides of the paper. Enable this option in your printer settings to save paper.

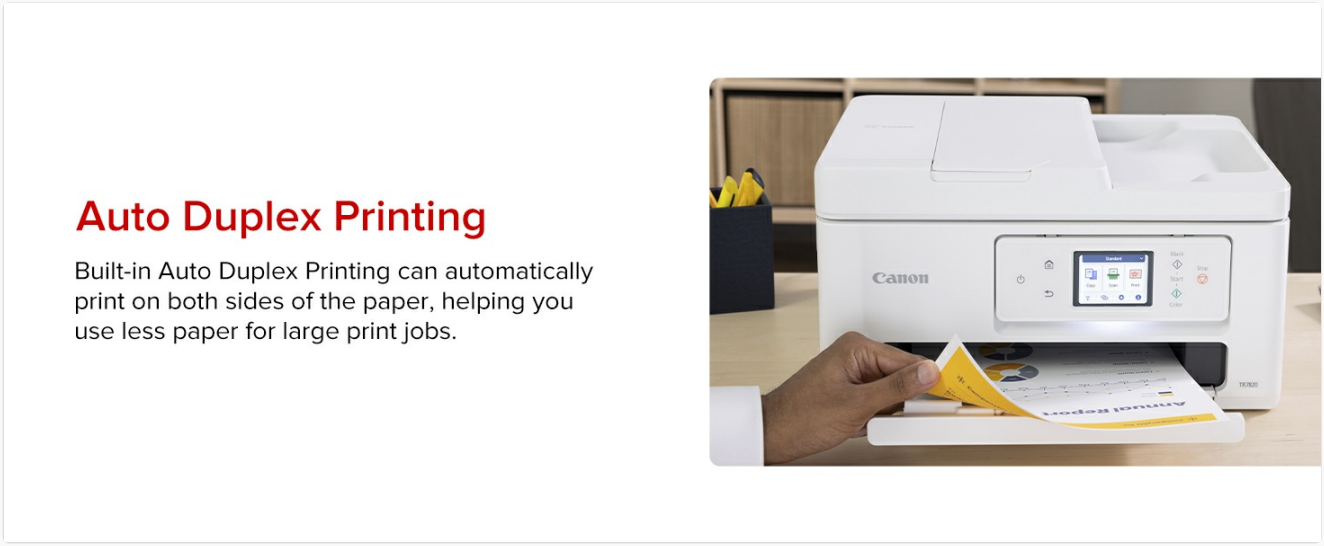


Image: The PIXMA TR7820 demonstrating automatic two-sided printing, with a hand retrieving a printed document.

4.2. Copying and Scanning with the Auto Document Feeder (ADF)

The 35-sheet Automatic Document Feeder (ADF) simplifies copying and scanning multi-page documents. Place your documents face up in the ADF tray.

- **Copying:** Select the 'Copy' option on the printer's touchscreen, adjust settings (e.g., number of copies, color/black & white), and press 'Start'.
- **Scanning:** Select the 'Scan' option. You can scan directly to your computer or a cloud service if configured.

Auto Document Feeder (ADF)

Copy or scan up to 35 pages (plain paper, letter size), including multi-page documents like contracts or reports, with ease using the built-in Auto Document Feeder.



Image: The PIXMA TR7820's Auto Document Feeder actively processing multiple pages for copying or scanning.

4.3. Paper Handling

The printer features a 100-sheet standard cassette and a 100-sheet rear tray, allowing for versatile paper loading. Use the rear tray for photo paper or other specialty media.



Image: A hand loading paper into the front paper cassette of the Canon PIXMA TR7820 printer.

4.4. Wireless Connectivity

Connect your printer to your home network via Dual Band Wi-Fi (2.4GHz or 5GHz) for stable and reliable printing from multiple devices. The printer supports printing from Windows, macOS, Chrome OS, and mobile devices via the Canon PRINT app, Apple AirPrint, or Mopria Print Service.



Image: The Canon PIXMA TR7820's touchscreen displaying Wi-Fi setup options, indicating stable wireless connectivity.

4.5. Using the LCD Touchscreen

The 2.7-inch LCD touchscreen provides an intuitive interface for navigating printer functions, adjusting settings, and initiating tasks directly from the printer.

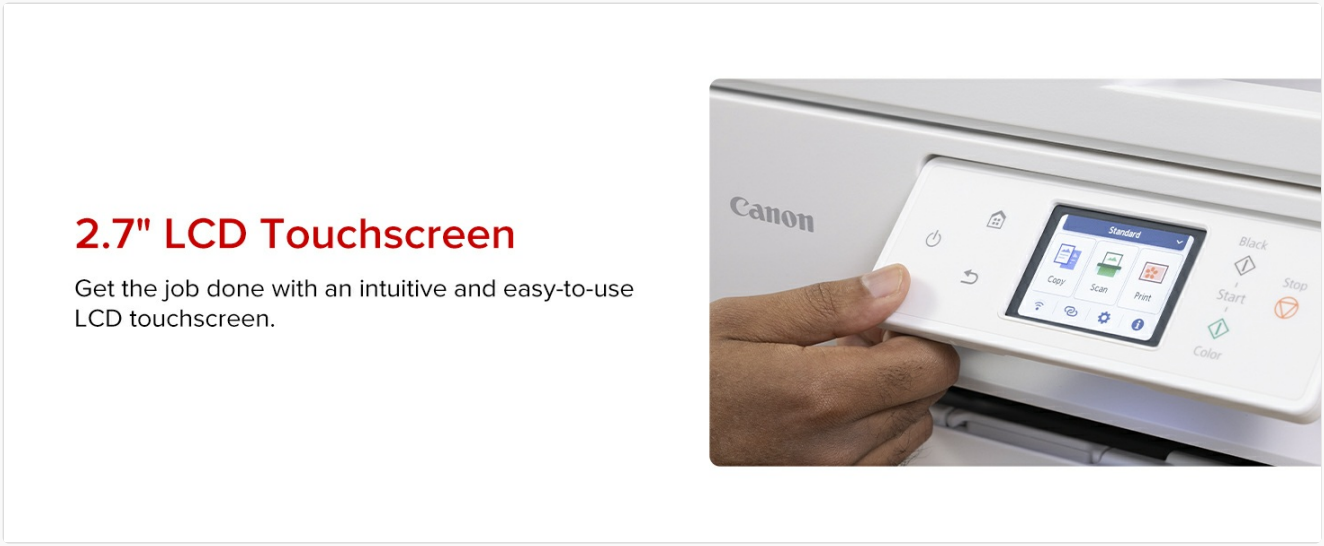


Image: A hand interacting with the 2.7-inch LCD touchscreen of the Canon PIXMA TR7820, showing various function icons.

5. Maintenance

Regular maintenance ensures the longevity and performance of your printer.

- **Ink Cartridge Replacement:** The printer uses PG-285 Pigment Black and CL-286 Color ink cartridges. Replace cartridges when the ink levels are low or depleted. The printer's touchscreen will indicate when a replacement is needed.
- **Maintenance Cartridge:** The PIXMA TR7820 includes a user-replaceable maintenance cartridge. Replace it when prompted by the printer to ensure proper function.
- **Cleaning:** Periodically clean the exterior of the printer with a soft, damp cloth. Avoid using abrasive cleaners.

Easy Maintenance

The PIXMA TR7820 has a maintenance cartridge that can be easily replaced if needed.



Image: A hand replacing an ink cartridge in the Canon PIXMA TR7820 printer, illustrating easy maintenance.

6. Troubleshooting

If you encounter issues with your printer, refer to the following general troubleshooting tips:

- **Printer Not Responding:** Check power connections, ensure the printer is turned on, and verify USB or Wi-Fi connectivity. Restart both the printer and your computer/device.
- **Print Quality Issues:** Perform a nozzle check and print head cleaning from the printer's maintenance menu. Ensure genuine Canon ink cartridges are used and not depleted.
- **Paper Jams:** Carefully remove any jammed paper following the instructions in the printer's on-screen guide or detailed manual. Avoid tearing the paper.
- **Wireless Connection Problems:** Ensure your printer is within range of your Wi-Fi router. Re-enter Wi-Fi credentials if necessary. Consult your router's manual for network troubleshooting.

For more detailed troubleshooting, consult the full electronic manual available on the Canon support website.

7. Specifications

Feature	Detail
Brand	Canon
Model Name	PIXMA TR7820
Connectivity Technology	USB, Wi-Fi
Printing Technology	Inkjet
Special Features	Auto Document Feeder, Auto-Duplex, Borderless Printing, Energy Star, Touch Screen
Printer Output	Color
Maximum Print Speed (Black)	15 ppm

Feature	Detail
Maximum Print Speed (Color)	10 ppm
Item Weight	16 pounds
Item Dimensions (D x W x H)	13.8"D x 14.8"W x 8.2"H
Scanner Type	Flatbed
Maximum Copies Per Run	99
Compatible Cartridges	PG-285 Pigment Black Ink, CL-286 Color Ink
Number of Trays	2
Display Type	LCD
Resolution	Up to 1200 x 1200 dpi
Duplex	Automatic
Maximum Media Size	8.5 x 11 inch
Maximum Sheet Capacity	100 (Front Cassette), 100 (Rear Tray)
Power Consumption	22 watts

8. Warranty and Support

The Canon PIXMA TR7820 comes with a 1-year limited warranty. For warranty claims, technical assistance, or additional support, please visit the official Canon support website or contact Canon's customer service. Keep your purchase receipt as proof of purchase.

For further assistance, please refer to the official Canon support resources:

- Canon USA Support Website
- Canon Official Website

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