TP-Link RE330

TP-Link AC1200 WiFi Range Extender (RE330) User Manual

Model: RE330 | Brand: TP-Link

Product Overview

The TP-Link AC1200 Wi-Fi Range Extender RE330 is designed to strengthen and expand your existing Wi-Fi signal into areas of your home that your router cannot reach. It offers dual-band Wi-Fi speeds of up to 300 Mbps on 2.4 GHz and 867 Mbps on 5 GHz, providing strong and fast Wi-Fi coverage throughout your home and eliminating dead zones. This extender is compatible with TP-Link OneMesh routers, allowing for the creation of a seamless Mesh network with a single Wi-Fi name for uninterrupted whole-home coverage. It also features a smart signal indicator to help you find the optimal placement for the best Wi-Fi connection.


tp-link
2.4G
5G

Image: TP-Link RE330 WiFi Range Extender plugged into a wall outlet, showing its compact design and indicator lights.

What's in the Box

- Wi-Fi Range Extender RE330
- Quick Installation Guide

Setup Guide

The TP-Link RE330 offers multiple setup methods for your convenience.

Method 1: WPS Button Setup (Recommended for WPS-enabled routers)

1. Plug the RE330 into a power outlet next to your Wi-Fi router.
2. Wait until the Power LED on the RE330 turns solid on.
3. Press the WPS button on your router.
4. Within 2 minutes, press the WPS button on the RE330. The Signal LED should change from blinking to solid, indicating a successful connection.
5. Once connected, you can relocate the RE330 to an optimal location within your home to extend Wi-Fi coverage.

Image: Diagram illustrating the WPS button setup process, showing pressing the WPS button on both the router and the RE330.

Method 2: TP-Link Tether App Setup (Recommended for all users)

The Tether app provides an intuitive way to set up and manage your range extender from your smartphone.

1. Plug the RE330 into a power outlet next to your Wi-Fi router.
2. Download the TP-Link Tether app from the Apple App Store or Google Play Store.
3. Launch the Tether app and log in with your TP-Link ID. If you don't have an account, create one first.
4. Tap the '+' icon in the top right corner and select 'Range Extender'.
5. Follow the on-screen instructions in the app to connect the extender to your Wi-Fi network, including selecting your 2.4GHz and 5GHz host networks and entering their passwords.
6. The app will guide you through creating a password for the extender and confirming settings. The extender will reboot to apply the settings.
7. Once setup is complete, the app will help you find the best location for your extender using the smart signal indicator.

Your browser does not support the video tag.

Video: Official TP-Link guide on how to set up the RE330 Wi-Fi Range Extender using the Tether app. This video demonstrates the step-by-step process from plugging in the device to configuring it via the smartphone application.

Operating Instructions

The RE330 is designed for simple operation to extend your Wi-Fi coverage.

Wi-Fi Range Extension

The primary function of the RE330 is to boost your existing Wi-Fi signal. It supports dual-band operation (2.4 GHz and 5 GHz) to provide comprehensive coverage. Place the extender about halfway between your router and the Wi-Fi dead zone for best results. The smart signal indicator on the device will help you determine the optimal placement.

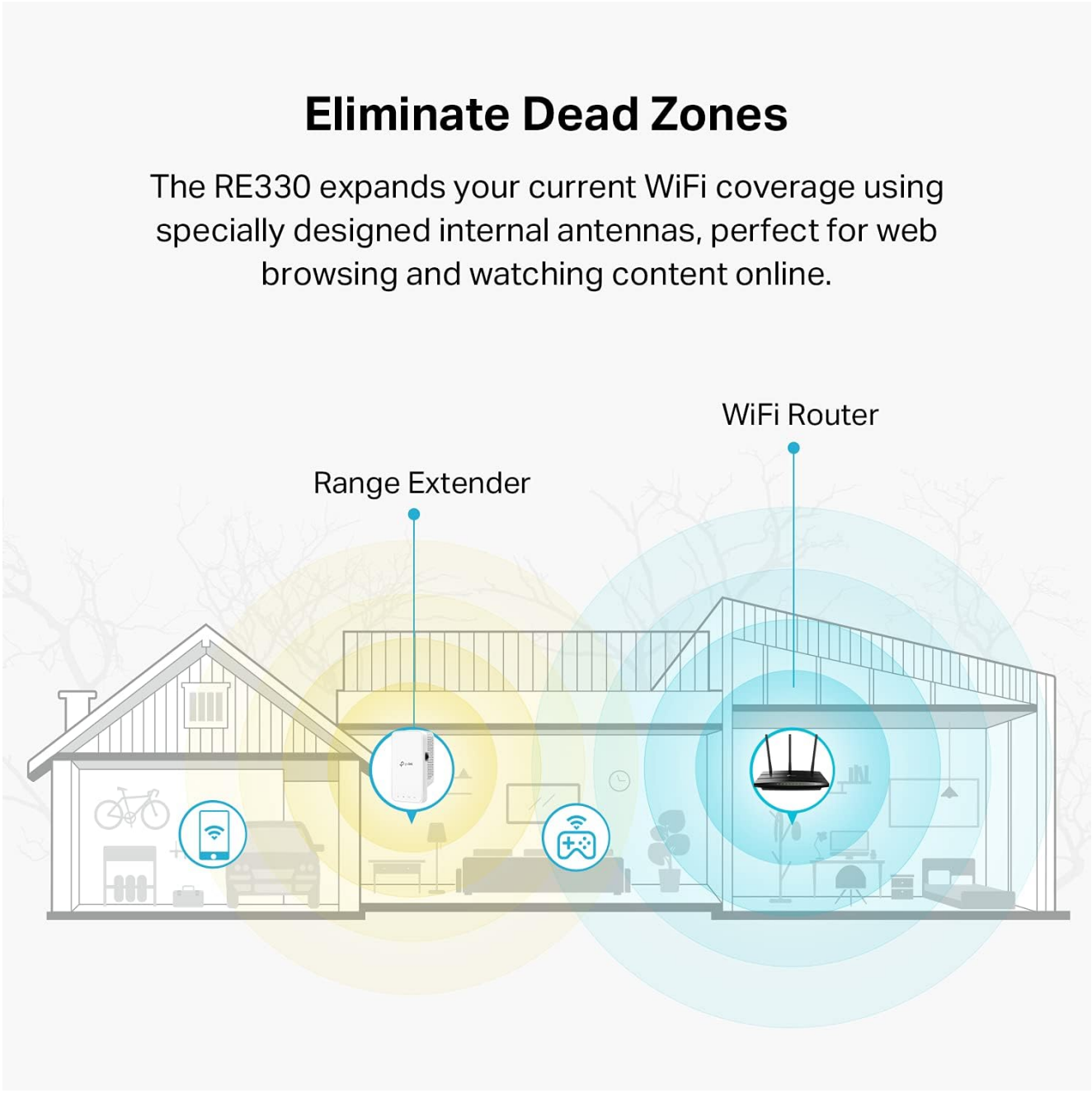

Image: A diagram illustrating how the RE330 extends Wi-Fi coverage throughout a house, eliminating dead zones.

Image: Close-up of the RE330's smart signal indicator, showing white for strong signal and red for weak signal.

Ethernet Port Functionality

The RE330 includes a Fast Ethernet port, allowing you to connect a wired device such as a smart TV, gaming console, or PC directly to the extender for a stable and reliable connection. This is particularly useful for devices that benefit from a wired connection or are located far from the main router.

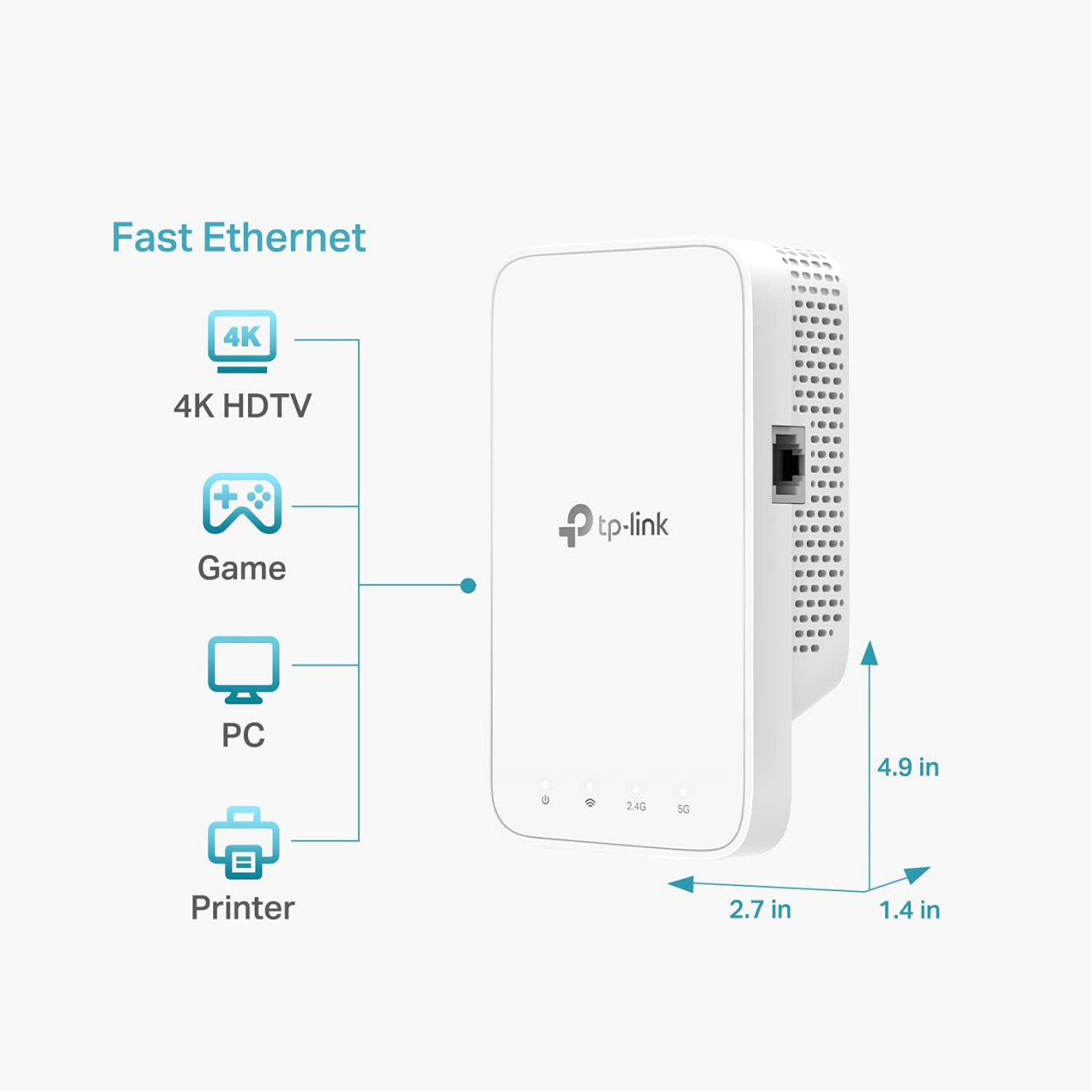

Image: Illustration of the RE330's Fast Ethernet port and examples of devices that can be connected, such as 4K HDTVs, gaming consoles, PCs, and printers.

Access Point Mode

In addition to range extender mode, the RE330 can also function as an Access Point. In this mode, you can connect the extender to your router via an Ethernet cable, and it will transform your wired network access into a personal Wi-Fi hotspot. This is ideal for creating a new Wi-Fi network in an area with existing wired internet access.

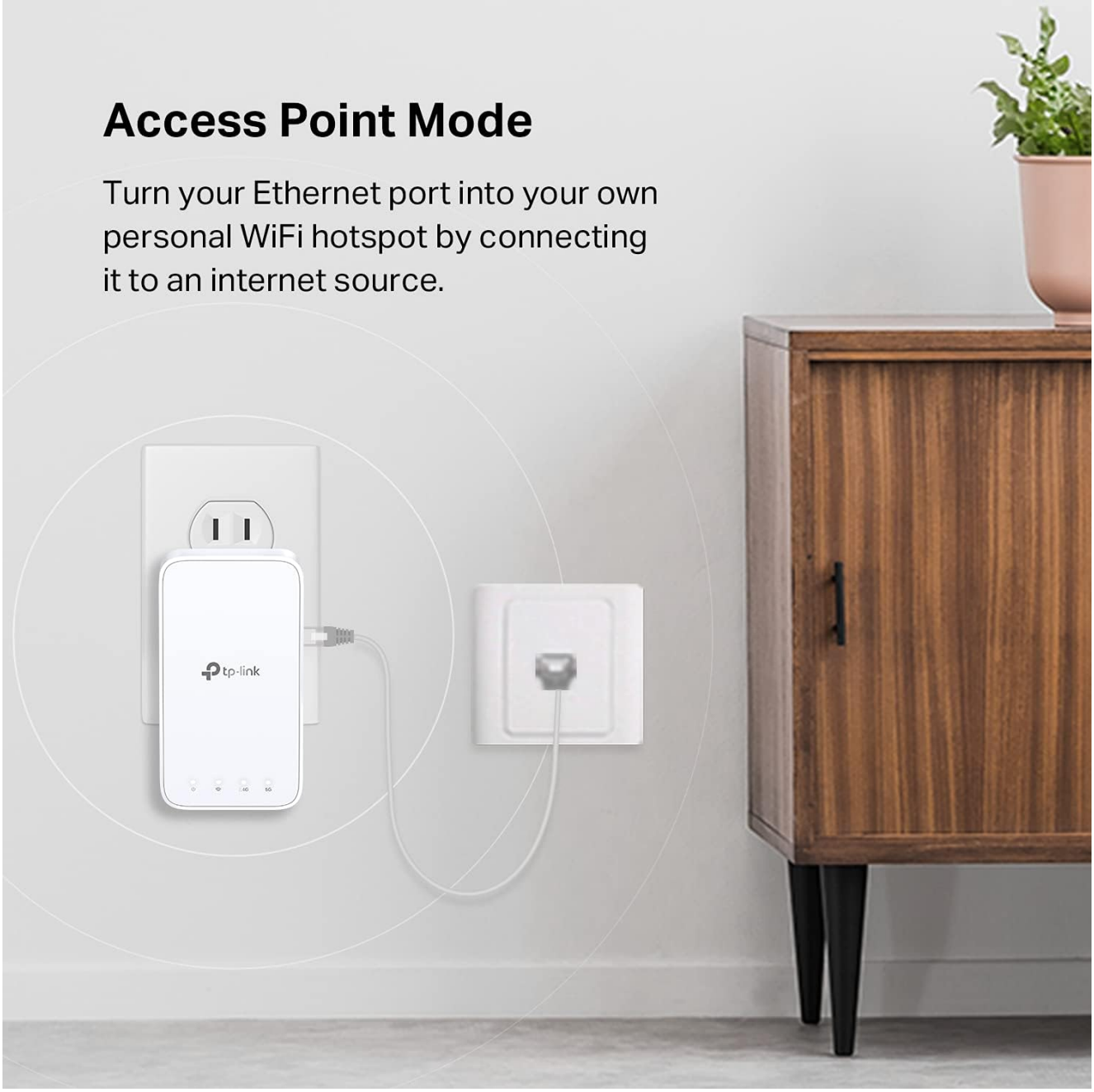

Image: Diagram showing the RE330 connected via Ethernet cable to create an Access Point, extending Wi-Fi from a wired source.

Maintenance

To ensure optimal performance and longevity of your TP-Link RE330, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and install the latest firmware updates via the Tether app or TP-Link's official website. Updates often include performance improvements and security enhancements.
- **Placement:** Ensure the extender is placed in an open, unobstructed area to allow for proper air circulation and prevent overheating. Avoid placing it near large appliances or metal objects that could interfere with the signal.
- **Cleaning:** Periodically clean the device with a soft, dry cloth to remove dust buildup from the vents and surfaces. Do not use liquid cleaners.
- **Rebooting:** If you experience connectivity issues, try rebooting the extender by unplugging it from the power outlet for a few seconds and then plugging it back in.

Troubleshooting

If you encounter issues with your TP-Link RE330, try the following troubleshooting steps:

- **No Internet Access:**

- Check if your main router has internet access.
- Verify that the extender is placed within the range of your main router. Use the Signal LED indicator to find a good location (white light indicates strong signal).
- Ensure the extender is properly connected to your router's Wi-Fi network. You may need to re-run the setup process.

- **Weak Signal or Frequent Disconnections:**
  - Relocate the extender closer to your main router.
  - Avoid physical obstructions like thick walls, metal objects, or large appliances between the extender and your devices.
  - Check for interference from other electronic devices (e.g., microwaves, cordless phones).
- **Cannot Connect to Extender's Wi-Fi:**
  - Ensure you are selecting the correct extended network name (SSID). By default, it might be your router's SSID with "_EXT" appended.
  - Verify that you are entering the correct Wi-Fi password.
  - If issues persist, try resetting the extender to factory defaults (using the reset pinhole button) and reconfigure it.

Specifications

Feature	Detail
Model Number	RE330
Wireless Type	802.11n, 802.11b, 802.11a, 802.11ac, 802.11g
Data Transfer Rate	Up to 1200 Mbps (300 Mbps on 2.4 GHz, 867 Mbps on 5 GHz)
Frequency Band Class	Dual-Band
Coverage Area	Up to 1500 Square feet
Connected Devices	Up to 25 devices
Ethernet Port	1 Fast Ethernet Port
Compatibility	Compatible with all Wi-Fi enabled devices and routers, gateway or access points. OneMesh Compatible.
Dimensions (LxWxH)	4.9 x 2.7 x 2 inches
Item Weight	8.1 ounces
Color	White

Warranty and Support

For detailed support and warranty information, please refer to the official TP-Link resources.

- **User Guide (PDF):** Download User Guide
- **Installation Manual (PDF):** Download Installation Manual
- **Legal Disclaimer:** Please note that maximum wireless signal rates are physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary due to environmental factors, network conditions, and client limitations. The product may not be compatible with routers or gateways with altered, open-source, non-standard, or outdated firmware. Actual network speed may be limited by the product's Ethernet WAN or LAN port rate, network cable rate, Internet service provider factors, and other environmental conditions.