

TP-Link RE315

TP-Link RE315 AC1200 Dual-Band Wireless Mesh Wi-Fi Range Extender - Instruction Manual

Model: RE315 | Brand: TP-Link

INTRODUCTION

The TP-Link RE315 AC1200 Dual-Band Wireless Mesh Wi-Fi Range Extender is designed to expand your existing Wi-Fi coverage, eliminate dead zones, and provide reliable internet access throughout your home. This device supports dual-band Wi-Fi (2.4GHz and 5GHz) for flexible connectivity and can operate in both Range Extender and Access Point modes. It is compatible with all Wi-Fi-enabled devices and most Wi-Fi routers or access points.

PRODUCT OVERVIEW

The RE315 features external antennas for enhanced signal, a WPS button for quick setup, a reset button, and a Fast Ethernet Port for wired connections.

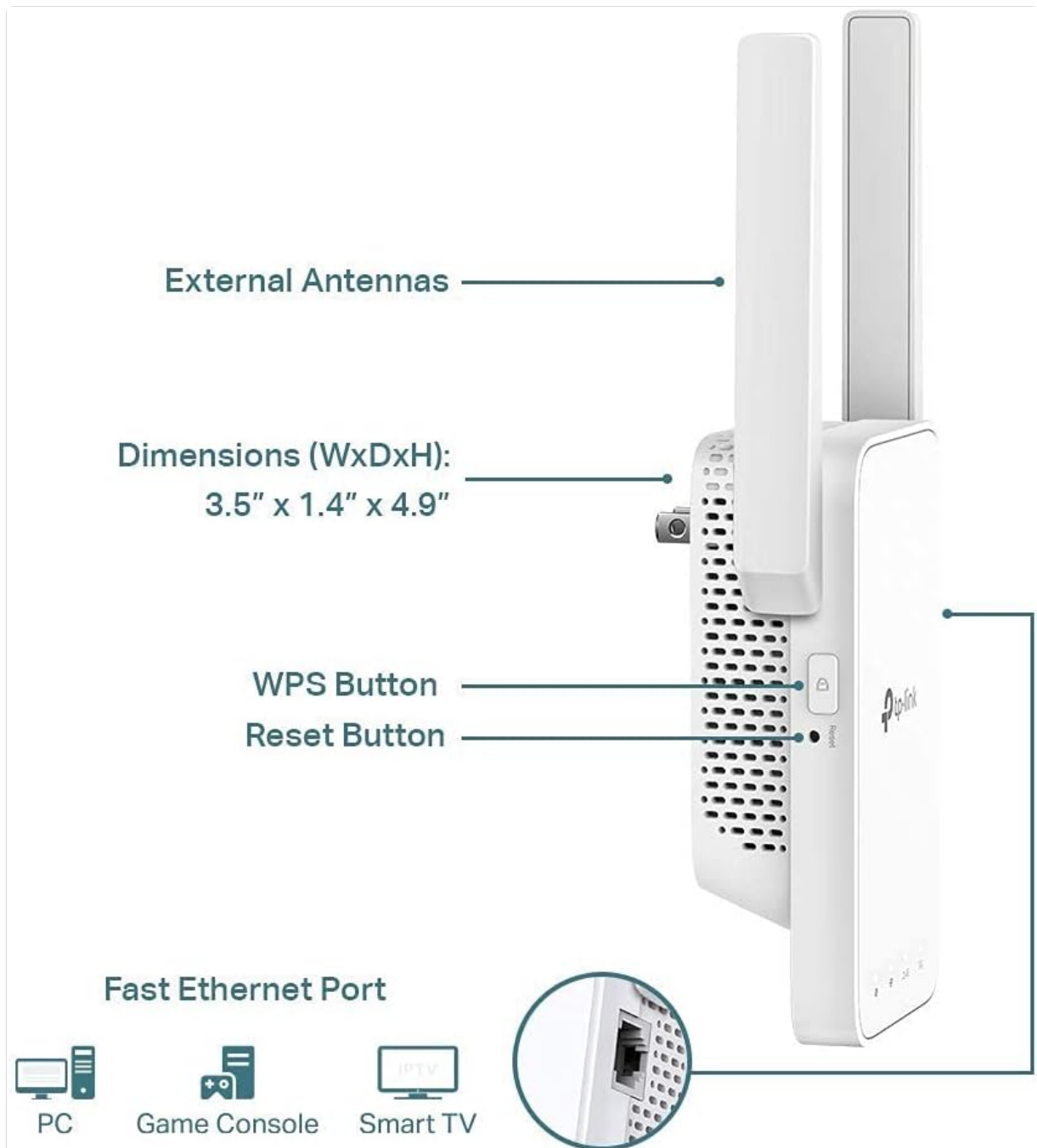


Image: TP-Link RE315 Extender highlighting its external antennas, WPS button, reset button, and Fast Ethernet Port. The device is white with ventilation grilles on the sides.

KEY FEATURES

- **Extended Wi-Fi Coverage:** Boosts internet Wi-Fi coverage up to 1500 square feet and connects up to 25 devices.
- **Dual-Band Connectivity:** Supports 2.4GHz (up to 300Mbps) and 5GHz (up to 867Mbps) for flexible and fast connections.
- **Fast Ethernet Port:** Provides wired speed and reliability for devices like Blu-ray players, game consoles, or smart TVs.
- **Access Point Mode:** Converts a wired internet connection into a wireless access point.
- **Universal Compatibility:** Works with all Wi-Fi-enabled devices and most Wi-Fi routers or access points.
- **TP-Link OneMesh Support:** Creates a Mesh network when connected to a OneMesh router for seamless whole-home coverage.
- **Easy Setup:** Can be set up and managed quickly using the TP-Link Tether app (Android, iOS) or via WPS button.

- **Intelligent Signal Indicator:** Helps find the optimal location for the best Wi-Fi connection.

SETUP GUIDE

Follow these steps to set up your TP-Link RE315 Wi-Fi Range Extender:

1. **Power On:** Plug the extender into a power outlet near your existing Wi-Fi router. Wait for approximately one minute until the Power LED turns solid on.
2. **Connect to the Extender:** Use the TP-Link Tether app (recommended) or the WPS button method.

Method 1: Via TP-Link Tether App

- Download the **TP-Link Tether app** from the App Store or Google Play.
- Launch the Tether app and log in with your TP-Link ID. If you don't have one, create an account.
- Tap the + icon to add a new device and select **Range Extender**.
- Follow the in-app instructions to complete the setup. You will be prompted to connect to the extender's temporary Wi-Fi network and then select your main Wi-Fi network(s) (2.4GHz and/or 5GHz) to extend.
- Create a local password for the extender if prompted.

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Video: A seller demonstrates the setup process for the TP-Link RE315 Wi-Fi Extender using the Tether app, including plugging in the device, connecting via the app, and configuring network settings.

Method 2: Via WPS Button

- Press the **WPS button** on your router.
- Within two minutes, press the **WPS button** on the side of your RE315 extender for one second.
- Wait for the 2.4GHz and 5GHz LEDs on the extender to turn solid blue, indicating a successful connection.

After successful setup, the extender's Wi-Fi network names will typically be your router's network name with '_EXT' appended (e.g., 'MyWiFi_EXT' or 'MyWiFi_5GEXT'). The password will be the same as your router's Wi-Fi password.

OneMesh™ Router + Range Extender



Smart Roaming

Uninterrupted streaming when moving around your home



One Wi-Fi Name

No more switching Wi-Fi network names



Easy Creation

OneMesh™ Router + OneMesh™ Range Extender



Unified Management

Manage the whole unified network all in one Tether app

Image: Diagram illustrating the TP-Link OneMesh setup, showing a router connected to a range extender to provide Wi-Fi coverage throughout a home, with features like Smart Roaming and One Wi-Fi Name.

OPTIMAL PLACEMENT

For optimal performance, plug the extender into a power outlet halfway between your router and the Wi-Fi dead zone. The location you choose must be within the range of your router. The intelligent signal indicator on the extender will help you find the best spot:

- **Blue LED:** Strong signal.
- **Red LED:** Weak signal (too far from the router).

Intelligent Signal Indicator Helps You Find the Best Location for Optimal Wi-Fi Coverage

- White Strong signal
- Red Weak signal
(Too far away from the router)



Image: TP-Link RE315 Extender with a close-up of its intelligent signal indicator. It shows a white light for a strong signal and a red light for a weak signal, guiding users to optimal placement.

OPERATING MODES

Range Extender Mode

In this mode, the RE315 extends your existing Wi-Fi network's coverage, eliminating Wi-Fi dead zones. It connects wirelessly to your router and re-broadcasts the signal to areas with poor coverage.

Access Point Mode

The Ethernet port of the RE315 can easily turn your wired internet connection into a wireless access point. This is useful for creating a new Wi-Fi network in a room where only a wired connection is available, or for connecting wired devices to your Wi-Fi network.

SPECIFICATIONS

Feature	Detail
Product Dimensions	1.4 x 3.5 x 4.9 inches

Item Weight	5.6 ounces
Brand	TP-Link
Wireless Communication Standard	802.11a, 802.11ac, 802.11b, 802.11g, 802.11n
Data Transfer Rate	1200 Megabits Per Second
Frequency Band Class	Dual-Band (2.4GHz / 5GHz)
Color	White

TROUBLESHOOTING

If you experience any issues during or after setup, please consider the following:

- **No Power LED:** Ensure the extender is securely plugged into a working power outlet.
- **Weak Signal (Red LED):** Relocate the extender closer to your main router. Ensure it's within the router's Wi-Fi range.
- **Connection Issues:** Try restarting both your router and the extender. Verify that you have entered the correct Wi-Fi password during setup.
- **App Not Finding Device:** Ensure your smartphone is connected to the extender's temporary Wi-Fi network (e.g., 'TP-Link_Extender') before attempting to add it in the Tether app. Turn off data traffic and VPN services on your phone/tablet, then try again.

For more detailed troubleshooting or technical assistance, refer to the TP-Link support website or contact their technical support team.

WARRANTY AND SUPPORT

TP-Link offers a **2-year warranty** and **free 24/7 technical support** for this product. If you experience any trouble during or after set up, please contact TP-Link directly for assistance.