

RE220BE Setup Guide

Model: RE220BE

Welcome! Let's get your range extender up and running together.

This guide makes setup simple for everyone, covering helpful accessibility resources, what's in the box, how it looks, and where to begin.

Our Tether app also offers accessibility features, such as increasing page contrast, switching to landscape mode and increasing font size. You can enable them during setup to make it much easier to set up your device and adjust settings! For more accessibility guidance, refer to [Accessibility Support](#).

Now, ready to explore your range extender and extend your network even further?

Step 1. Learn About Your Range Extender

This section introduces the range extender's package contents and appearance, including its ports, buttons, LEDs and product label.

1. Unpack Your Range Extender

Your package includes a range extender and installation guides.

2. Appearance

The range extender has a rectangular shape. It has a pronged plug that easily fits into standard electrical outlets on its back, and on the opposite side, features ED indicators that show the status of power, signal strength, and connection. On its left and right sides, there are ventilation grills to prevent overheating. It has no external antennas. The extender's top and bottom are rectangular flat surfaces and the side closer to the right side with a recessed opening is the bottom side.

On the front panel of the extender, there are 4 LEDs in a row on the left. From top to bottom, they are: Power LED, Signal LED, 2. GHz LED, and 5GHz LED. Here are the LED explanations for Range Extender Mode:

Power LED

- On/Off: The extender is on or off.
- Blinking: The system is starting up or firmware upgrade is in progress.

Signal LED

- Solid blue: The extender is connected to your router's wireless network and is in a suitable location.
- Solid red: The extender is receiving a weak signal. Try relocating it closer to your router.
- Blinking: WPS connection is in progress.
- Off: No wireless connection is established.

2. 4GHz LED

- On/Off: The extender is connected or not connected to the 2.4 GHz wireless network of your router.

5GHz LED

- On/Off: The extender is connected or not connected to the 5 GHz wireless network of your router.

On the right side of the extender, there is a recessed rectangular opening, a 1 Gbps LAN port, and 2 buttons. From top to bottom, they are:

Reset Button: A tiny recessed hole next to the WPS button (needs a pin to press). Press and hold for 1 second to reset the extender.

WPS Button: A rectangular small button. Press the button on your main router, and immediately press this button on the extender for 1 second. Then wait for about 2 minutes to set up the connection.

1 Gbps LAN Port: A rectangular opening, larger than a standard phone jack. In Range Extender Mode, connect your device to the port for a wired connection. In Access Point Mode, link the extender to your router to convert a wired connection into a wireless signal.

On the back of the extender, there is a recessed smooth label. This label includes: the extender's default access address, default network name (SSID), and MAC address. For your extender, the default SSID is "TP-Link_Extender" and no password.

Step 2. Get Started

1. Position your extender next to your Wi-Fi router. With its bottom facing down, plug the extender into a nearby electrical outlet. Wait for about 1-2 minutes for the extender to get ready for setup.
2. Scan the QR code below to download the Tether app for iOS or Android, or scan the QR code on the Quick Setup Guide for the Tether app. The app will walk you through setup.

Note: Please remain online (Wi-Fi or mobile data) throughout the app download and login steps.



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