

TP-Link RE815X

TP-Link RE815X AX5400 WiFi 6 Range Extender

Model: RE815X | Brand: TP-Link

INTRODUCTION

The TP-Link RE815X AX5400 Mesh Wi-Fi 6 Range Extender is designed to expand your home's wireless network coverage. Featuring AX5400 Tri-Band Wi-Fi with 1024-QAM and 160 MHz channel technology, it delivers speeds up to 5400 Mbps. This device connects wirelessly to your existing router, extending Wi-Fi signals throughout your home to eliminate dead zones and provide seamless Wi-Fi 6 network experiences with enhanced speed, capacity, and coverage. It supports TP-Link OneMesh for a unified network with a single Wi-Fi name.

KEY FEATURES

- **Tri-Band WiFi 6 Extender Booster with 5.4 Gbps Total Bandwidth:** Extends network with speeds of 2402 Mbps (Dual 5 GHz) and 574 Mbps (2.4 GHz) for smoother streaming, gaming, and downloading.
- **Maximized Coverage Up to 2800 Sq. Ft.:** Four high-gain directional antennas and 6 powerful FEM with Beamforming technology boost signal strength and reliability, providing seamless whole-home Wi-Fi coverage and eliminating dead zones for up to 96 devices.
- **Our Cybersecurity Commitment:** TP-Link is a signatory of the U.S. Cybersecurity and Infrastructure Security Agency's (CISA) Secure-by-Design pledge, ensuring advanced security.
- **Works with OneMesh:** Easily expand your network for seamless, whole-home coverage by connecting your RE815X to any TP-Link OneMesh compatible router.
- **Not To Increase Speed:** Wireless Extenders are designed to increase or improve WiFi coverage, not directly increase speed. Improving signal reliability can affect overall throughput.
- **WiFi Extender with Gigabit Ethernet Port:** Experience wired speed and reliability anywhere in your home by connecting your favorite device to the gigabit ethernet port.
- **Smart Adaptive Roaming:** Seamlessly move throughout your home with automatic connections to the strongest signal, ensuring uninterrupted coverage and optimal performance.
- **Access Point (AP) Mode:** Easily turn any wired connection into a powerful Wi-Fi hotspot using the Gigabit ethernet port and AP mode.
- **Easy Set Up in Minutes:** Easily set up and manage your WiFi in a few quick and easy steps using the TP-Link Tether app (Android, iOS). Find the optimal location for the best WiFi connection with intelligent signal indicator.

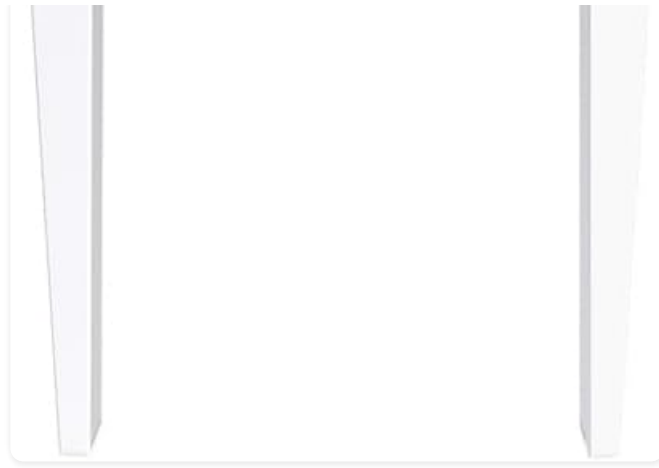
- **Universal Compatibility:** The AX5400 range extender is compatible with almost all WiFi-enabled devices and routers or access points, including new AX phones, laptops, and other devices.

PACKAGE CONTENTS

- Wi-Fi Range Extender RE815X
- Quick Installation Guide

PHYSICAL OVERVIEW





Front view of the TP-Link RE815X extender, showing its sleek design and LED indicators.

Broader Coverage

RE815X boosts your network's coverage and provides stable connections with its four external antennas and six powerful FEM. Beamforming technology detects the location of your devices and concentrates WiFi towards them for stronger connections.



6× powerful FEM



4× external antennas



The extender with its four external antennas extended for optimal signal coverage.



Side view of the extender, highlighting the Gigabit Ethernet port and WPS/Reset button.

The RE815X features a compact design with foldable antennas. The front panel includes LED indicators for power, Wi-Fi status (2.4 GHz, 5 GHz), and signal strength. On the side, you'll find a Gigabit Ethernet port, a WPS/Reset button, and the power plug.

SETUP

Easy Setup with TP-Link Tether App

The TP-Link RE815X can be easily set up using the TP-Link Tether app, available for Android and iOS devices. This app guides you through the installation process step-by-step, helping you find the optimal location for the extender to ensure the best Wi-Fi connection.


OneMesh™ - Form a Seamless Roaming Network

Traditional Router with Extender

Wi-Fi

Router


Extender





OneMesh™ Router + Range Extender


Wi-Fi


Whole Home



 One Wi-Fi Name

 Smart Roaming

 Whole Home Coverage

 Unified Management

Visual guide for setting up the extender using the TP-Link Tether app.

OneMesh™ for Seamless Wi-Fi

Traditional Router with Extender

Wi-Fi

Router

Extender



OneMesh™ Router + Range Extender

Wi-Fi

Whole Home



One Wi-Fi Name

No more switching Wi-Fi network names



Smart Roaming

Uninterrupted streaming when moving around your home



Whole Home Coverage

Eliminate weak signal areas in every corner of your home



Unified Management

Manage the entire network all from the TP-Link Tether app

The WPS button on the extender for quick and secure connection to your router.

Official Setup Video

Watch this official product overview video for a visual guide on setting up your TP-Link RE815X range extender.

OPERATING MODES

- **Range Extender Mode:** Extends the coverage of your existing wireless network.
- **Access Point (AP) Mode:** Transforms your wired internet connection into a wireless access point.
- **OneMesh Compatibility:** Creates a unified mesh network with compatible TP-Link routers for seamless roaming.

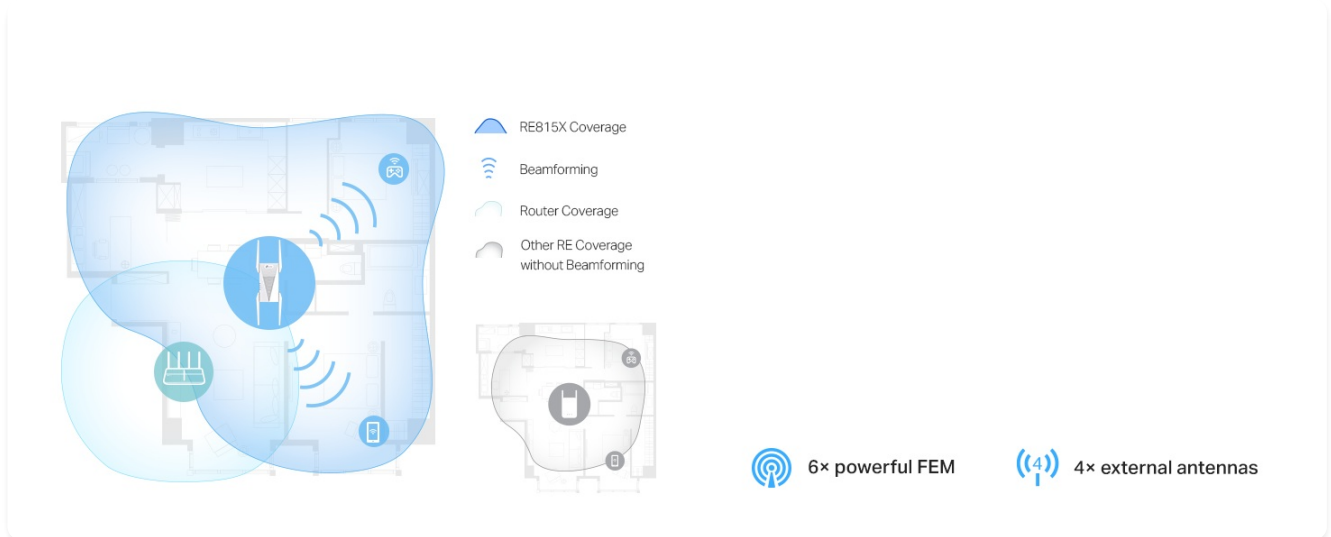


Diagram illustrating seamless whole-home Wi-Fi coverage with OneMesh technology.

Larger Capacity

RE815X takes full advantage of Wi-Fi 6 technology and tri-band, empowering up to 96 devices with lightning-fast 5400 Mbps speed.

With a separate 5 GHz band serving as its backhaul, all of your connected devices receive phenomenal connectivity.



The Gigabit Ethernet port allows for wired connections or AP mode functionality.

TROUBLESHOOTING

If you experience issues with your range extender, consider the following:

- **Dead Zones:** Ensure the extender is placed optimally between your router and the Wi-Fi dead zone. Use the intelligent signal indicator in the Tether app to find the best spot.
- **Signal Strength:** If the signal is weak, try relocating the extender closer to your main router. Four high-gain antennas and Beamforming technology are designed to maximize signal.
- **Internet Speed:** Remember that range extenders improve coverage, not necessarily raw internet speed. While a more stable connection can feel faster, the actual speed is limited by your internet service provider's plan.
- **Connectivity Issues:** Ensure your extender is properly connected to your router via WPS or the Tether app. Check for firmware updates through the app.

SPECIFICATIONS

Attribute	Value
Product Dimensions	4.23 x 2.24 x 13.74 inches
Item Weight	1.5 pounds
ASIN	B0C7RRYFH3
Item model number	RE815X
Date First Available	June 29, 2023
Manufacturer	TP-Link
Country of Origin	Vietnam
Wireless Communication Standard	802.11a/b/g/n/ac, 802.11ax
Data Transfer Rate	5400 Megabits Per Second
Frequency Band Class	Tri-Band
Special Feature	Access Point Mode, LED Indicator

WARRANTY & SUPPORT

For warranty information and technical support, please refer to the official TP-Link website or contact TP-Link customer service directly. You can also find detailed user manuals and installation guides in PDF format via the provided links:

- [User Guide \(PDF\)](#)
- [Installation Manual \(PDF\)](#)