OneMesh™ | Wi-Fi 6E

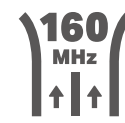# AXE5400 Tri-Band Wi-Fi 6E Range Extender

Boost your Wi-Fi

Tri-Band Networking

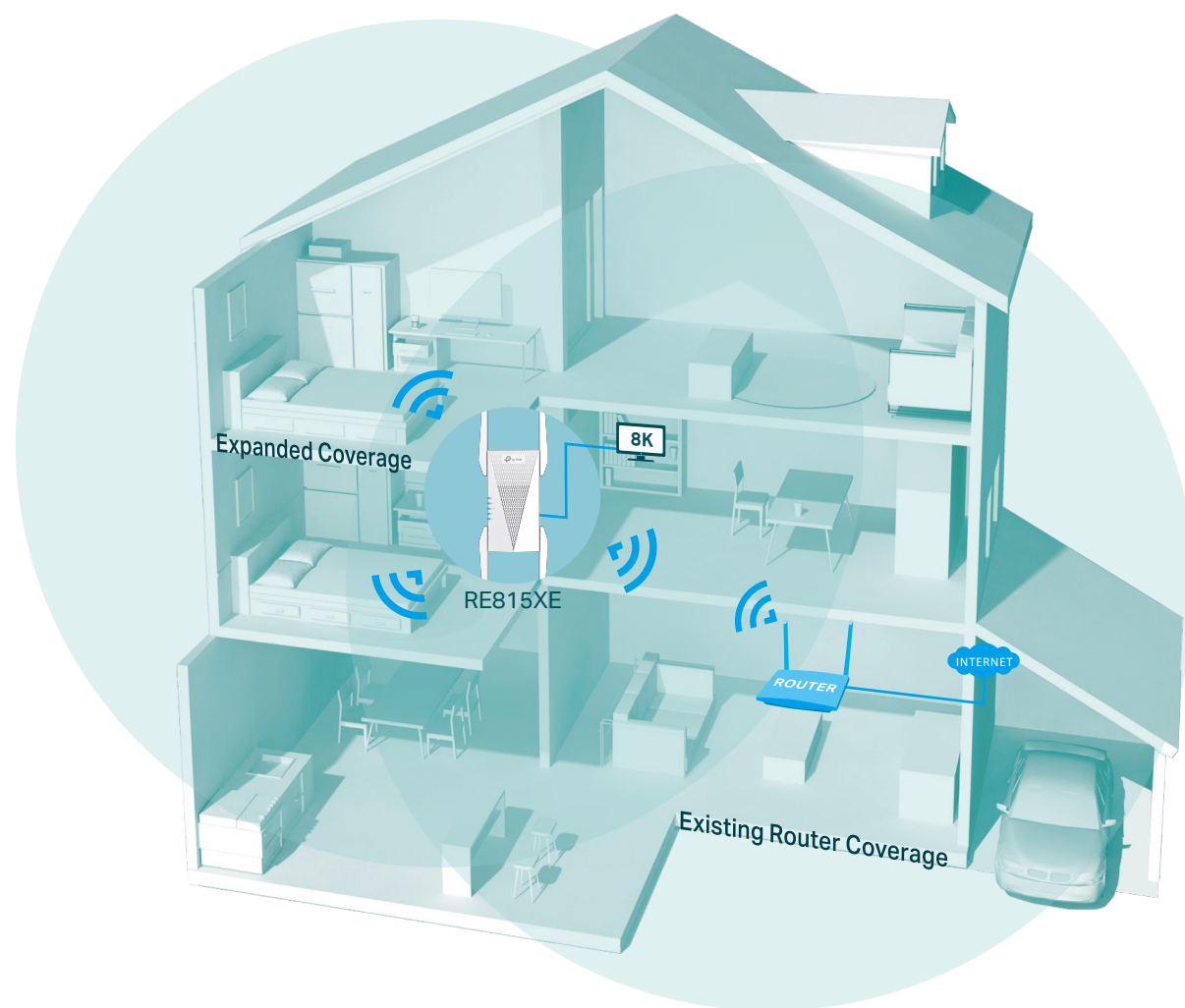**160 MHz** Wider Channel Width

Connect More Devices△

Uninterrupted Streaming§

Easy Setup Within Minutes

Highlights

Eliminate Wi-Fi Dead Zones with Powerful Wi-Fi

Connect with a TP-Link's OneMesh™ router to create a mesh network for seamless whole-home coverage, or any Wi-Fi router to boost your Wi-Fi range.‡

Expanded Coverage

8K

RE815XE

ROUTER

INTERNET

Existing Router Coverage

● Wi-Fi Coverage
— Ethernet Cable

Tri-Band Networking

Ensure full band speeds to your devices thanks to RE815XE's another dedicated band backhaul.

Faster Wi-Fi 6 Speed

Experience explosive Wi-Fi speeds up to 5400 Mbps with the wider 160 MHz channel.†

Larger Capacity

Wi-Fi 6E allows for 3 additional 160 MHz channels, enabling more simultaneous transmissions at the highest possible speeds.

Clean and Congestion Free

The dedicated 6 GHz band provides a clearer band to prevent Wi-Fi interference and congestion.

Save Clients' Battery Power*

Target Wake Time schedules the connection time of battery-powered devices to reduce their power consumption.*

Adaptive Path Selection

Keep your network running at top-speed by automatically choosing the fastest connection path to the router.

Access Point Mode

Create a new Wi-Fi access point to enhance your wired network with Wi-Fi capability.

Highlights

Wi-Fi 6E: Huge Leap Forward for Wi-Fi

Robust High-Speed Connections

Experience ultra-fast Wi-Fi with more connected devices thanks to the brand-new 6 GHz band. The added 160MHz channels prevent competition over bandwidth and drops in speed.

Clean and Congestion-Free

Create an open and clear Wi-Fi network thanks to the brand-new 6 GHz band elimination interference from legacy devices. As a dedicated backhaul, the 6 GHz band also benefits the overall Wi-Fi performance of all non-6E devices.

More than a Traditional Wi-Fi Extender

Connect with a TP-Link's OneMesh™ router to create a mesh network for seamless whole-home coverage, or any Wi-Fi router to boost your Wi-Fi range.‡

Check the full list of OneMesh extenders and routers at: tp-link.com/onemesh/compatibility

*More compatible devices coming soon

AXE5400 Wi-Fi 6E Tri-Band Range Extender

Secure One-touch Connection (WPS)

Press WPS button and connect the newly-added extender to a router with ease.

Smart Signal Indicator

See signal to find the best spot to properly place the extender.

● Strong signal
● Weak signal

Four External Antennas

Provide wider signal coverage.

Gigabit Ethernet Port

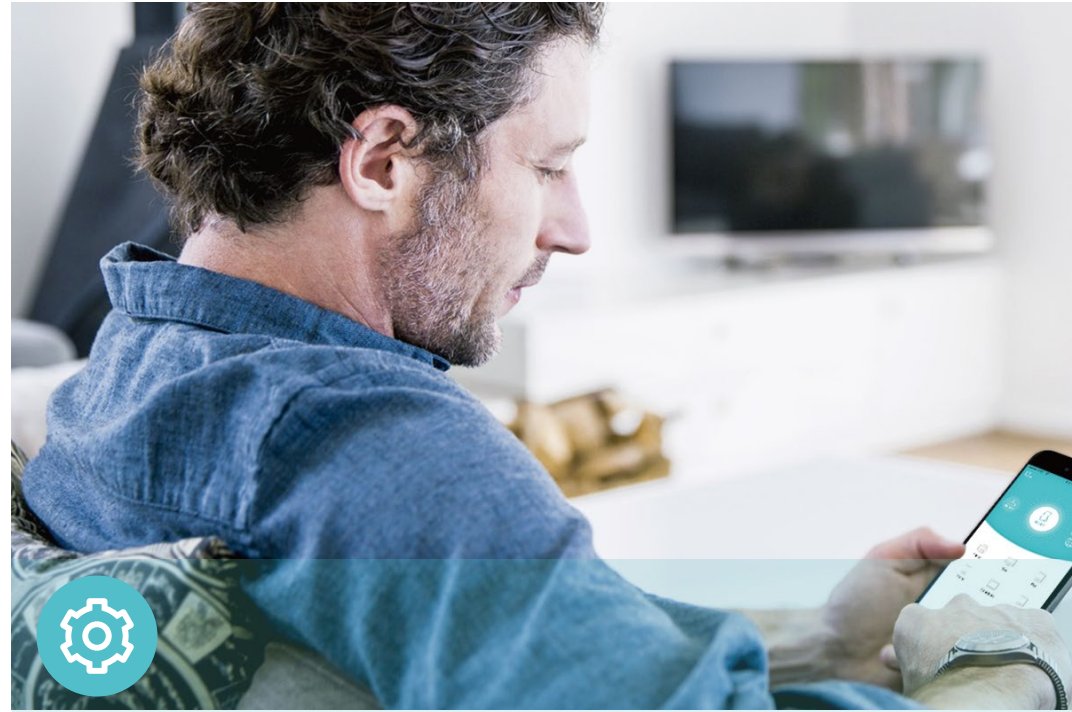Plug in to give wired devices network access, ideal for high-bandwidth intensity.

PC   Game Console   8K Smart TV

Features

Ease of Use

· Intuitive Web UI– Ensures quick and simple installation without hassle

· Fast Setup – One-touch connection with the WPS button

· Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether App, available on any Android or iOS device

· Online Upgrade – Keeps you informed of the latest firmware and allows online updating on the web UI

Speed

· Ultimate Wireless Speed – Combined wireless speeds of up to 574 Mbps (over 2.4 GHz), 2402 Mbps (over 5 GHz) and 2402 Mbps (over 6 GHz)†

· Support Wi-Fi 6E – Turbocharge your devices with wireless speeds of up to 5.4 Gbps

· Adaptive Path Selection – Keep your network running at top-speed by automatically choosing the fastest connection path to the router
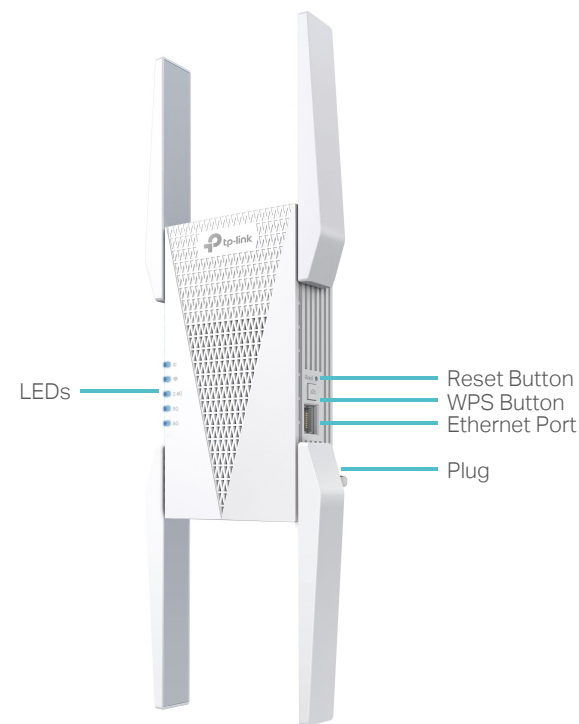
Reliability

· Simultaneous Tri Band – Separate Wi-Fi bands enable more devices to connect to your network without a drop in performance

· Reliable Connection – External antennas for optimal Wi-Fi coverage and reliable wireless connections

· Ultra-Low Latency – Take advantage of ultra-low latency to enjoy smoother online experience

Specifications

Hardware

· Button: WPS Button, Reset Button

· Port: 1 Gigabit Ethernet Port

· Antenna: 4 External Antennas

· Power Consumption: 16W

· Input Power： 100-240V~50/60Hz

· Dimensions (L×W×H): 4.2×1.6×13.7 in. (106.6×39.7×348.2 mm)

LEDs
Reset Button
WPS Button
Ethernet Port
Plug

For more information, please visit
https://www.tp-link.com/home-networking/range-extender/RE815XE/
or scan the QR code left

Wireless

· Wireless Standards: IEEE 802.11ax 6 GHz, IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz

· Frequency: 2.4 GHz / 5 GHz/ 6 GHz

· Signal Rate: 574 Mbps at 2.4 GHz, 2402 Mbps at 5 GHz, 2402 Mbps at 6 GHz

· Transmit Power: 2.4GHz ≤21dBm, 5GHz≤ 30dBm, 6GHz≤ 23dBm

· Reception Sensitivity:
6GHz:
11ax HE20 MCS0： -92dBm, 11ax HE20 MCS11： -61dBm
11ax HE40 MCS0： -89dBm, 11ax HE40 MCS11： -58dBm
11ax HE80 MCS0： -86dBm, 11ax HE80 MCS11： -55dBm
11ax HE160 MCS0： -83dBm, 11ax HE160 MCS11： -52dBm
5GHz:
11ax HE20 MCS0： -93dBm, 11ax HE20 MCS11： -62dBm
11ax HE40 MCS0： -90dBm, 11ax HE40 MCS11： -59dBm
11ax HE80 MCS0： -87dBm, 11ax HE80 MCS11： -56dBm
11ax HE160 MCS0： -84dBm, 11ax HE160 MCS11： -53dBm
2.4GHz:
11ax HE20 MCS0： -95dBm, 11ax HE20 MCS11： -64dBm
11ax HE40 MCS0： -92dBm, 11ax HE40 MCS11： -62dBm

· Wireless Function: LED Control, Access Control, Power Schedule, Wi-Fi Coverage

· Wireless Security: 64/128-bit WEP, WPA/WPA-PSK2 encryptions, WPA3

Others

· Certification
CE, RoHS

· System Requirements
Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, 8, 8.1, 10, MAC OS, NetWare, UNIX or Linux
Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser

· Package Contents
Wi-Fi Range Extender RE815XE
Quick Installation Guide

www.tp-link.com