



Mesh Wi-Fi Range Extender

AC750 Dual Band
Wi-Fi Extension

RE220



Wi-Fi Dead-Zone
Killer



Access
Point Mode



Easy Setup
with App

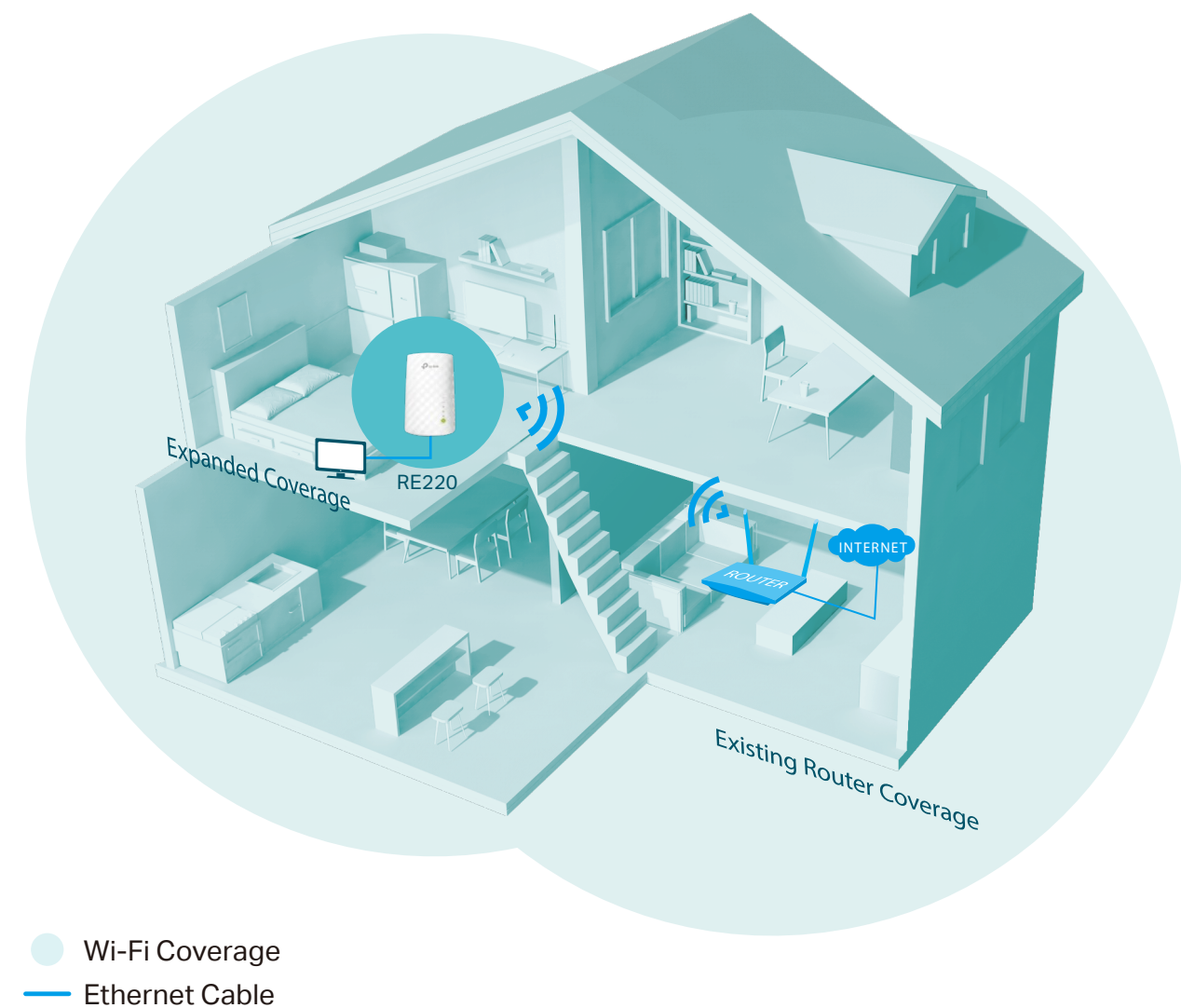


Uninterrupted
Streaming^s

Highlights

Eliminate Wi-Fi Dead Zones with Powerful Wi-Fi

Connect with any Wi-Fi router to boost your Wi-Fi range or to an EasyMesh-compatible router to create a mesh network for seamless whole-home coverage.



Dual Band Connection

Separate 2.4GHz and 5GHz Wi-Fi bands allow more devices to connect to your network without reducing performance.



Access Point Mode

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



High Speed Mode

Use both Wi-Fi bands to establish one super-high-speed connection, ideal for HD streaming and gaming.



Access Control

Allow or restrict internet access for certain devices for specifiable amounts of time.



Easy Setup and Management

Via WPS button/ Tether app/ Web UI.

Highlights



EasyMesh-Compatible

Connect with an EasyMesh-compatible router to create a mesh network for seamless whole-home coverage, or any Wi-Fi router to boost your Wi-Fi range. ‡**



Wi-Fi Dead-Zone Killer

Eliminate weak signal areas with Wi-Fi coverage for the whole house.



Uninterrupted Roaming

Enjoy uninterrupted streaming, surfing, and more—even when moving around your home.



One Wi-Fi Name

Stay connected to the same network name in every room.



Easy Setup and Unified Management

Push the WPS button to set up a Mesh network you can manage from the Tether app or web UI.



Check the full list of TP-Link's EasyMesh-compatible extenders and routers at tp-link.com/easymesh/product-list/

*More compatible devices coming soon

AC750 Mesh Wi-Fi Extender

Compact Wall-Plug Design

Simple to install and move.

Intelligent Signal Indicator Light

Easily find the best spot to extend Wi-Fi.

- Strong connection
- Too far from the router

WPS Button

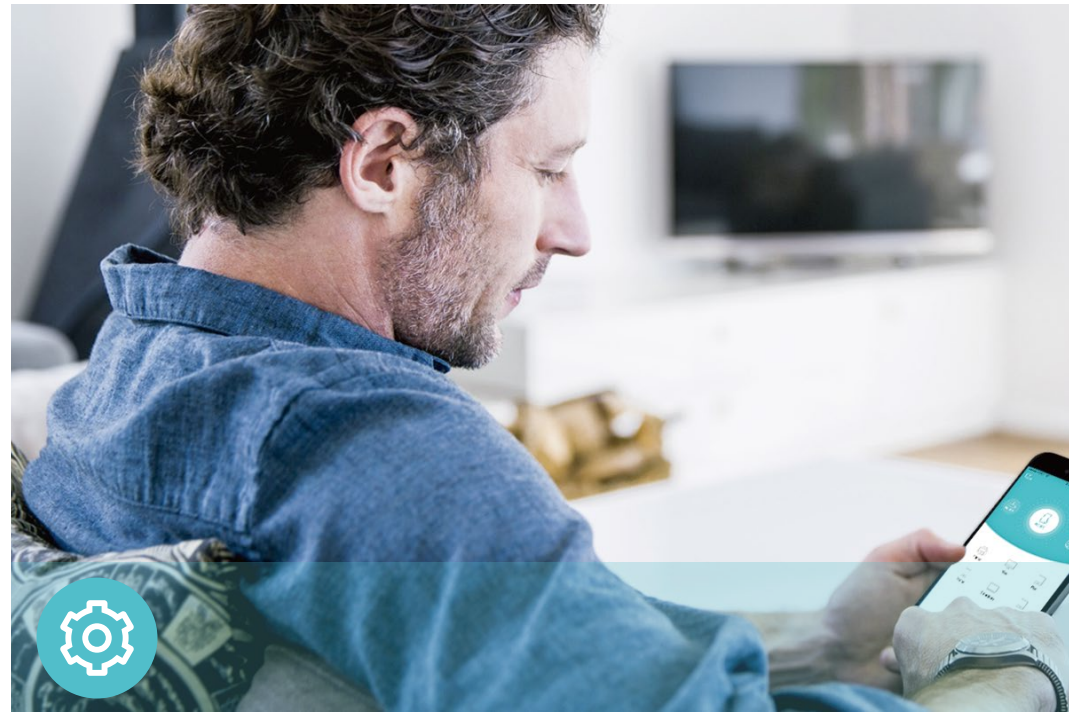
Instantly connect the extender to a router for easy setup.

Ethernet Port

Connect a wired device to your Wi-Fi network.



Features



Ease of Use

- Compact Wall-Plug Design– Easy to install and move
- Ethernet Port – Connects a wired device to your Wi-Fi network
- Intuitive Web UI– Ensures quick and simple installation without hassle
- Fast Encryption – Makes secure wireless connection quick and easy with the push of a 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



Speed

- Ultimate Wireless Speed – Combined wireless speeds of up to 300Mbps (over 2.4GHz) and 433Mbps (over 5GHz)
- Support 802.11ac – Provides a data transfer rate 3 times faster than 802.11n for each stream
- High Speed Mode – Uses one dedicated Wi-Fi band to boost extender performance
- Adaptive Path Selection – Keeps network running at top-speed by automatically choosing the fastest connection path to the router



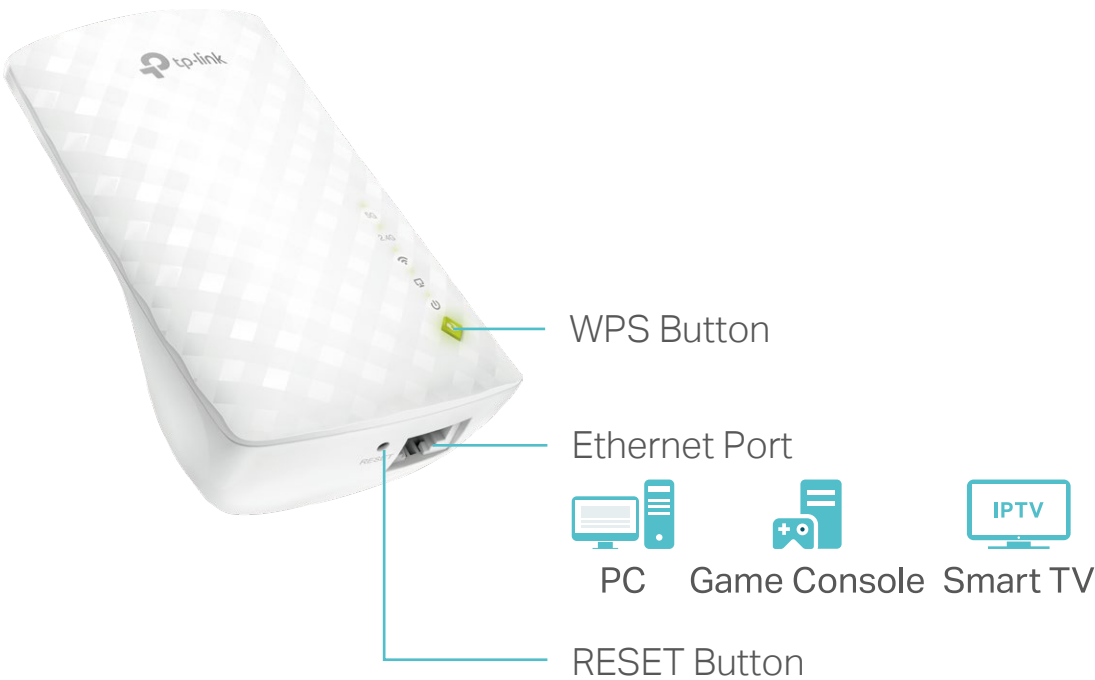
Reliability

- Simultaneous Dual Band Connection – Separate 2.4 GHz and 5 GHz Wi-Fi bands enable more devices to connect to network without a drop in performance
- Access Control – Flexibly allows or restricts certain devices to access the internet for a specific period
- LED Control– Easily schedules the LED on or off to your needs, no blinking light disturbing your sleep

Specifications

Hardware

- Ethernet Port: 1 10/100Mbps RJ45 Port
- Button: WPS Button, RESET Button
- Antenna: 3 Omni-directional Antennas
- Power Consumption: 5.9 W
- Dimensions (W × D × H):
(For EU/US) 2.6×1.5×4.3 in. (65.8×38.8×110mm)
(For UK) 2.6×1.78×4.3 in. (65.8×45.2×110mm)



For more information, please visit
<https://www.tp-link.com/products/details/RE220.html>
or scan the QR code left

(For EU/UK) Attention: This device may only be used indoors in all EU member states and EFTA countries.

(For US) This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage per ft² are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

‡The product may not be compatible with routers or gateways with firmware that has been altered, is based on open source programs, or is non-standard or outdated.

§Uninterrupted Streaming is designed for devices that support the 802.11k/v standard.

**TP-Link EasyMesh-compatible products can network with other devices that use EasyMesh. Failed connections may be due to firmware conflicts of different vendors. The EasyMesh-compatible function is still being developed on some models and will be supported in subsequent software updates. This product is compatible with standardized EasyMesh technology but has not obtained the Wi-Fi EasyMesh™ certification.

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Wireless

- Wireless Standards: IEEE 802.11 a/n/ac 5GHz, IEEE 802.11b/g/n 2.4GHz
- Frequency: 2.4GHz and 5GHz
- Signal Rate: 300Mbps at 2.4GHz, 433Mbps at 5GHz
- Transmit Power:
CE: <20dBm(2.4GHz), <23dBm(5.15GHz~5.35GHz);
<30dBm(5.47GHz~5.725GHz)
FCC: < 30dBm
- Reception Sensitivity:
5GHz:
11a 6Mbps: -94dBm 11ac VHT20 MCS8: -71dBm
11ac VHT40 MCS9: -64dBm 11ac VHT40 MCS0: -90dBm
11ac VHT80 MCS9: -63dBm 11ac VHT80 MCS0: -88dBm
2.4GHz:
11b 1Mbps: -97dBm 11n HT20 MCS0: -95dBm
11n HT20 MCS7: -77dBm 11n HT40 MCS0: -94dBm
11n HT40 MCS7: -75dBm
- Wireless Function: Access Control, Power Schedule, Wi-Fi Coverage
- Wireless Security: WPA/WPA2-PSK, WPA3

Others

- Certification
CE, FCC, RoHS
- System Requirements
Microsoft Edge, Firefox, Chrome, Safari, or other
JavaScript-enabled browser
*You are recommended to use the latest version
- Environment
Operating Temperature: 0°C ~ +40°C
Operating Humidity: 10% ~ 90%RH
- Package Contents
AC750 Wi-Fi Range Extender RE220
Quick Installation Guide

www.tp-link.com

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