tp-link

AC750 Wi-Fi Range Extender

Stable Dual Band Wi-Fi Extension

RE220

OneMesh™

- Wi-Fi Dead-Zone Killer
- Access Point Mode
- Easy Setup with App

Highlights

OneMesh™: Flexibly Create a Whole-Home Wi-Fi

Create a Mesh network by connecting your range extender to a OneMesh™ router for seamless whole-home coverage.

Wi-Fi Dead-Zone Killer

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

Smart Roaming

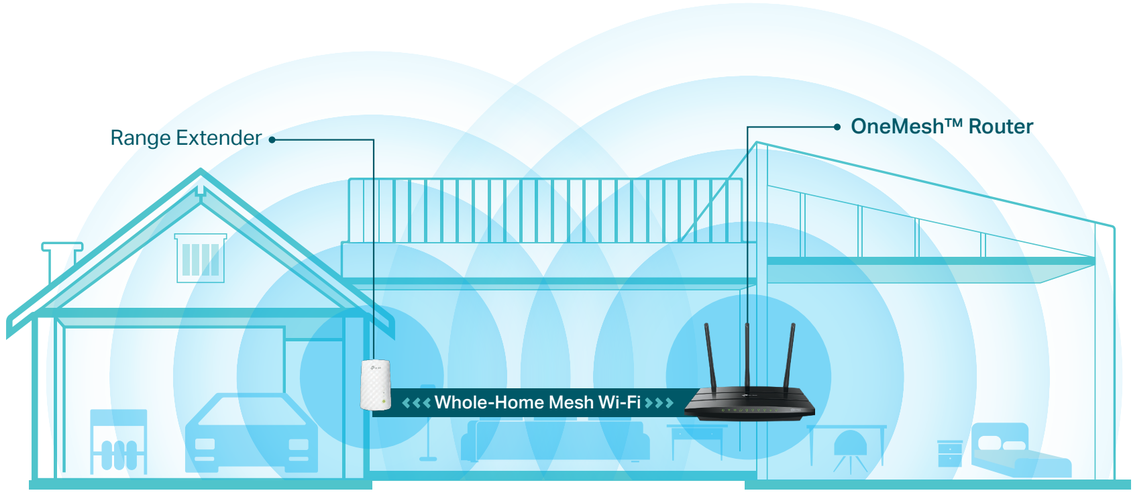
Enjoy uninterrupted streaming, surfing and more — even when moving around your home.

One Wi-Fi Name

Stay connected to the same network name in every room.

Unified Management

Manage the whole-home Wi-Fi by managing the central node via Tether app/Web UI.



Upgrade to Mesh Network

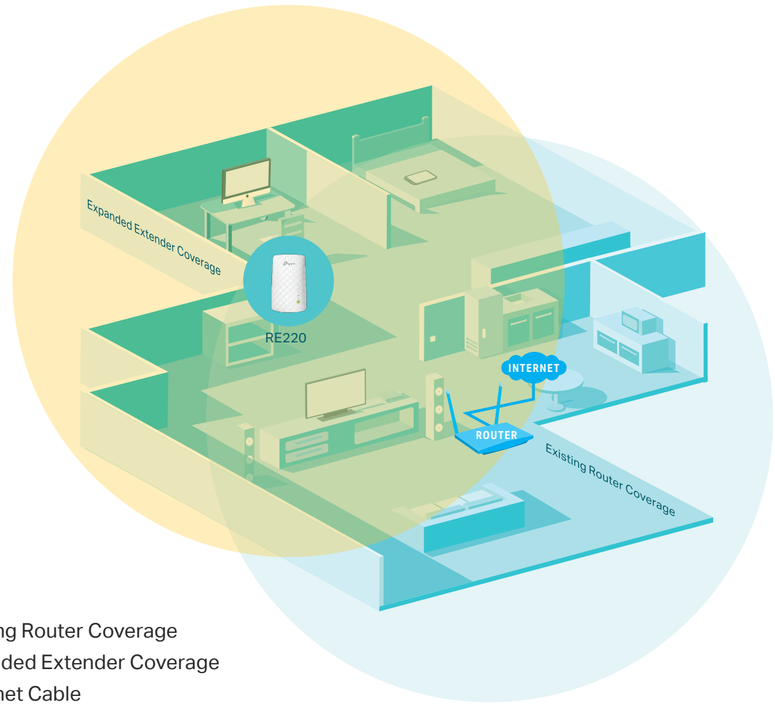
Enjoy Mesh network without having to replace your existing router by simply updating your OneMesh™ router's firmware.
Check full list of OneMesh™ routers and range extenders at: https://www.tp-link.com/en/onemesh/compatibility.

*More compatible devices are coming soon.

Highlights

Extend AC750 Dual Band Wi-Fi for the Whole Home

The AC750 Wi-Fi Range Extender connects to your router wirelessly, strengthening and expanding its signal into areas it can't reach on its own, achieving speeds of 300Mbps on the 2.4GHz band and 433Mbps on the 5GHz band.



Existing Router Coverage
Expanded Extender Coverage
Ethernet Cable

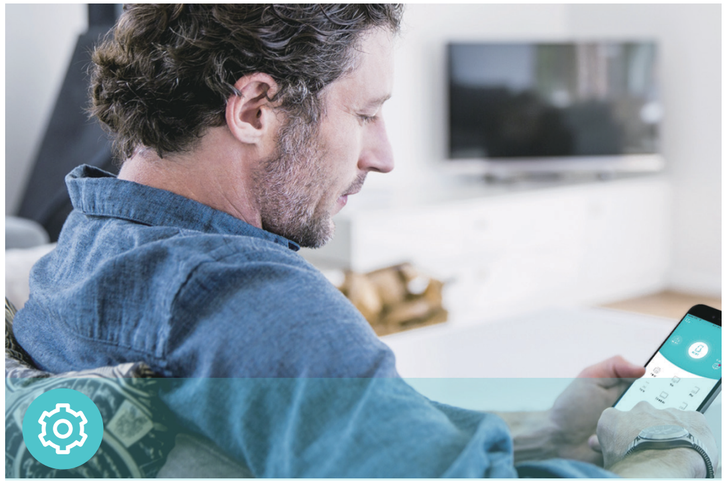
Perfect Location at a Glimpse

An intelligent Signal light helps you quickly find the best location to install the range extender.

Green — Good location

Red — Too far away from the router

Features

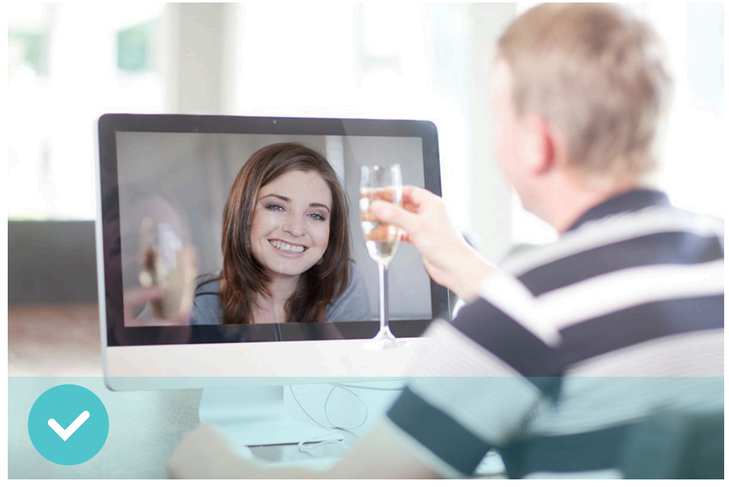


Ease of Use

- Intuitive Web UI– Ensures quick and simple installation without hassle.
- Fast Encryption – One-touch WPA wireless security encryption 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 onling updating on the web UI

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
- MIPS 24KEc CPU – A 575/580 MHz MIPS 24K™ CPU core makes multi-tasking easy and boosts data transfer rate



Reliability

- Simultaneous Dual Band – Separate Wi-Fi bands enable more devices to connect to your network without a drop in performance
- Reliable Connection – Three internal antennas for optimal Wi-Fi coverage and reliable wireless connections

Specifications

Hardware

- Ethernet Port: 1 10/100Mbps RJ45 Port
- Button: WPS Button, RESET Button
- Antenna: 3 Internal Antennas
- Power Consumption: 6.5W
- Dimensions (W × D × H):

  2.6×2.2×4.3 in. (65.8×55.8×110 mm)

Wireless

- Wireless Standards: IEEE 802.11a/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: ≤20dBm
- Reception Sensitivity:

  5GHz:

  11a 6Mbps: -94dBm, 11a 54Mbps: -79dBm

  11ac HT20 MCS0: -94dBm, 11ac HT20 MCS8: -73dBm

  11ac HT40 MCS0: -91dBm, 11ac HT40 MCS9: -67dBm

  11ac HT80 MCS0: -88dBm, 11ac HT80 MCS9: -64dBm

  2.4GHz:

  11g 54Mbps: -81dBm, 11n HT20 MCS7: -79dBm

  11n HT40 MCS7: -76dBm
- Wireless Function: Enable/Disable Wireless Radio, Wireless Statistics
- Wireless Security: 64/128-bit WEP, WPA/WPA-PSK2 encryptions

Others

- Certification

  FCC, 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

  AC750 Wi-Fi Range Extender RE220

  Quick Installation Guide

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

*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection quality, and client condition.