



# AC1750 Wi-Fi Range Extender

Robust Dual Band  
Wi-Fi Extension Up to  
12,000 Sq.Ft.\*

RE450



450Mbps+  
1300Mbps



Gigabit  
Port



Tether  
App

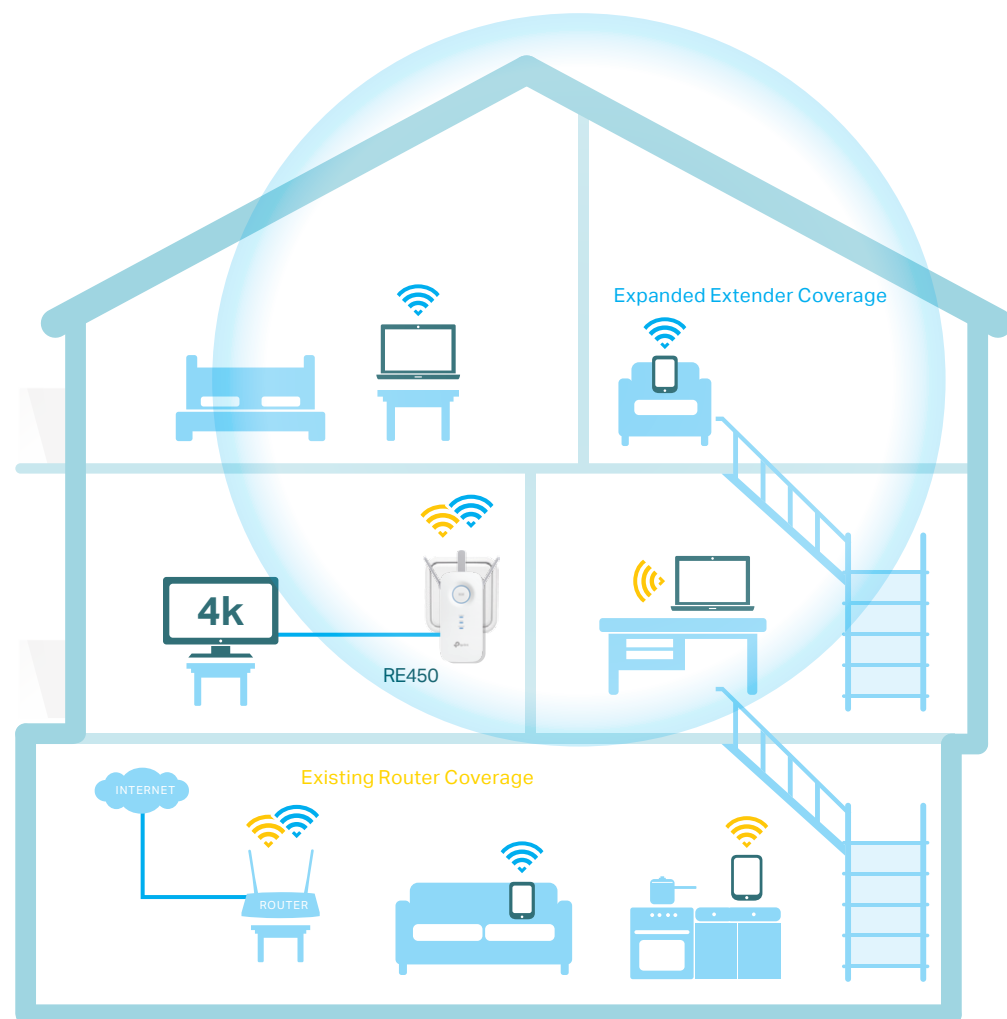


Easy  
Setup

# Highlights

## Wi-Fi Coverage Up to 12,000 Sq.Ft.\*

The AC1750 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 450Mbps on the 2.4GHz band and 1300Mbps on the 5GHz band.



## Perfect Location at a Glance

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



# 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
- Easy On/Off – LED On/Off button allows users to turn LED on or off
- Power On/Off – Conveniently power on or off your extender as required
- 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 450Mbps (over 2.4GHz) and 1300Mbps (over 5GHz)
- Support 802.11 ac – Provides a data transfer rate 3 times faster than 802.11n for each stream



## Reliability

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

# Specifications

## Hardware

- Ethernet Port: 1 10/100/1000Mbps RJ45 Port
- Button: WPS Button, Reset Button, LED On/Off Button, Power On/Off Button
- Antenna: 3 External Antennas
- Power Consumption: <10W
- Dimensions (L × W × H): 163×76.4×66.5mm



## Wireless

- Wireless Standards: IEEE 802.11a/n/ac 5GHz, IEEE 802.11b/g/n 2.4GHz
- Frequency: 2.4GHz and 5GHz
- Signal Rate: 450Mbps at 2.4GHz, 1300Mbps at 5GHz
- Transmit Power: CE: <20dBm(2.4GHz), <23dBm(5GHz band1&2), <26dBm(5GHz band3); FCC: <26dBm(2.4GHz), <26dBm(5GHz)
- Reception Sensitivity:  
5GHz:  
11a 6Mbps: -95dBm, 11a 54Mbps: -77dBm  
11ac HT20: -70dBm, 11ac HT40: -66dBm  
11ac HT80: -62dBm  
2.4GHz:  
11g 54Mbps: -77dBm, 11n HT20: -73dBm  
11n HT40: -71dBm
- Wireless Function: Enable/Disable Wireless Radio, Wireless Statistics
- Wireless Security: 64/128-bit WEP, WPA/WPA2, 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  
AC1750 Wi-Fi Range Extender RE450  
Quick Installation Guide



For more information, please visit

<http://www.tp-link.com/us/products/details/RE450.html>

or scan the QR code left

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\*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage per ft<sup>2</sup> 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.

[www.tp-link.com](http://www.tp-link.com)

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