



# AC 1750

## Wi-Fi Range Extender RE450

### Highlights

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- **Superfast Wi-Fi** – Expanded 450Mbps on 2.4GHz + 1300Mbps on 5GHz totals 1750Mbps Wi-Fi speeds
- **Maximum Range** – Three adjustable external antennas provide optimal Wi-Fi coverage and reliable connections
- **Gigabit Ethernet Port** – Acts as a wireless adapter to connect a wired device to your network at gigabit speed
- **Intelligent Signal Indicator** – Intelligent signal light helps to find the best location for optimal Wi-Fi coverage by showing the signal strength

### Description

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The TP-LINK AC1750 Wi-Fi Range Extender connects to your router wirelessly, strengthening and expanding its signal into areas it can't reach on its own. The device also reduces signal interference to ensure reliable Wi-Fi coverage throughout your home or office.

# Features



## Speed

- **Blazing Fast Wi-Fi Speed** – Provides faster dual band Wi-Fi access up to 1750Mbps with next generation Wi-Fi standard - 802.11ac technology.
- **Gigabit Ethernet Port** – Act as a wireless adapter to connect wired devices at gigabit speed.
- **High Speed Mode** – With High-Speed technology, RE450 makes the best use of both Wi-Fi bands to establish super speedy connections, ideal for bandwidth-intensive tasks.



## Reliability

- **Reliable Connection** – Three adjustable external antennas for optimal Wi-Fi coverage and reliable wireless connections.
- **Simultaneous Dual Band** – Reduces interference for more stable connections.

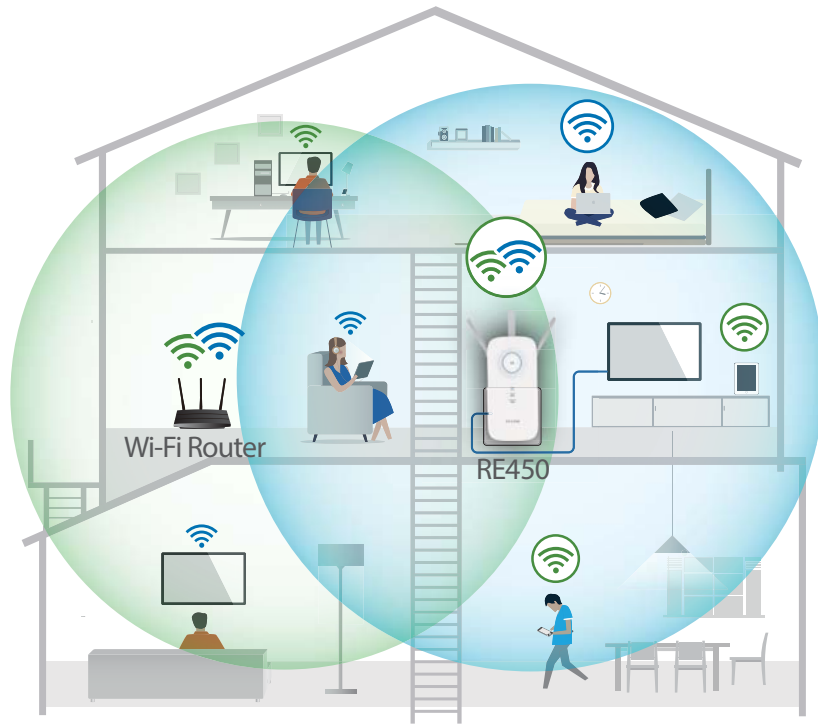


## Ease of Use

- **Smart Signal Indicator** – Smart signal lights help to find the best location for optimal Wi-Fi coverage by showing the signal strength.
- **One Button Encryption** – Press the WPS button on your router and the Range Extender button on your RE450 within 2 minutes to easily connect to the network.
- **Universal Compatible** – Works with any Wi-Fi router or wireless access point.

## Boost Wi-Fi Coverage

RE450 boosts your existing Wi-Fi range & delivers faster wireless speed in hard-to-reach area, providing reliable connections for laptops, smartphones, tablets and other wireless-enabled devices.



- 5GHz Wi-Fi
- 2.4GHz Wi-Fi
- Existing Router Coverage
- Expanded Extender Coverage
- Ethernet Cable

## Gigabit Wired Speed

The RE450's gigabit Ethernet port allows the Extender to function as a wireless adapter to connect wired devices like Blu-ray® players, gaming consoles, DVRs and Internet TVs. At the same time, the device can share the wireless network as well.



# Specifications

## Hardware

- **Standards and protocols:** IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
- **Interface:** 1\*10/100/1000M Ethernet Port(RJ45)
- **Plug Type:** EU, UK, US
- **Button:** RE (Range Extender) Button, Reset Button, LED Button, Power Button
- **Dimensions (W X D X H):** 6.4x 3.0 x 2.6 in. (163 x 76.4 x 66.5mm)
- **Antenna:** 3\*external
- **Power Consumption:** 9W (max power consumption)



## Wireless

- **Frequency:** 2.4GHz & 5GHz(11ac)
- **Signal Rate:** 5GHz: Up to 1300Mbps, 2.4GHz: Up to 450Mbps
- **Reception Sensitivity:** 2.4GHz:
  - 11g 54M: -77dBm@10% PER
  - 11n HT20 mcs7: -73dBm@10% PER
  - 11n HT40 mcs7: -70dBm@10% PER5GHz:
  - 11a 6Mbps:-93dBm@10% PER
  - 11a 54Mbps: -76dBm@10% PER
  - 11ac HT20 mcs8: -68dBm@10% PER
  - 11ac HT40 mcs9: -64dBm@10% PER
  - 11ac HT80 mcs9: -61dBm@10% PER
- **Transmit Power:** <20dBm(2.4GHz), <23dBm(5GHz)
- **Wireless Modes:** Range Extender
- **Wireless Functions:** Wireless Statistic, Concurrent Mode boost both 2.4G/5G WiFi band, High Speed Mode for great speed for HD Gaming and video, Access Control, LED Control, Domain Login Function
- **Wireless Security:** 64/128-bit WEP, WPA-PSK / WPA2-PSK

# Specifications

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## Others

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### Package Contents

- AC1750 WiFi Range Extender RE450
- RJ-45 Ethernet Cable
- Quick Installation Guide

### Certification

- CE, FCC, RoHS

### System Requirements

- Microsoft® Windows® 98SE, NT, 2000, XP, Vista or Windows 7, 8, Mac® OS, NetWare®, UNIX® or Linux.

### Environment

- Operating Temperature: 0°C ~30°C (32°F ~104°F)
- Storage Temperature: -40°C ~70°C (-40°F ~158°F)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing



For more information, please visit

<http://tp-link.com/en/products/details/?categoryid=&model=RE450>

or scan the QR code left

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# Others

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## Similar Products



- AC750 Wi-Fi Range Extender RE210



- 300Mbps Wi-Fi Range Extender with AC Passthrough TL-WA860RE

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