



AC1750 Wi-Fi Range Extender

Stable Dual-Band Wi-Fi Extension



Wi-Fi Dead-Zone Killer



Gigabit Ethernet Port

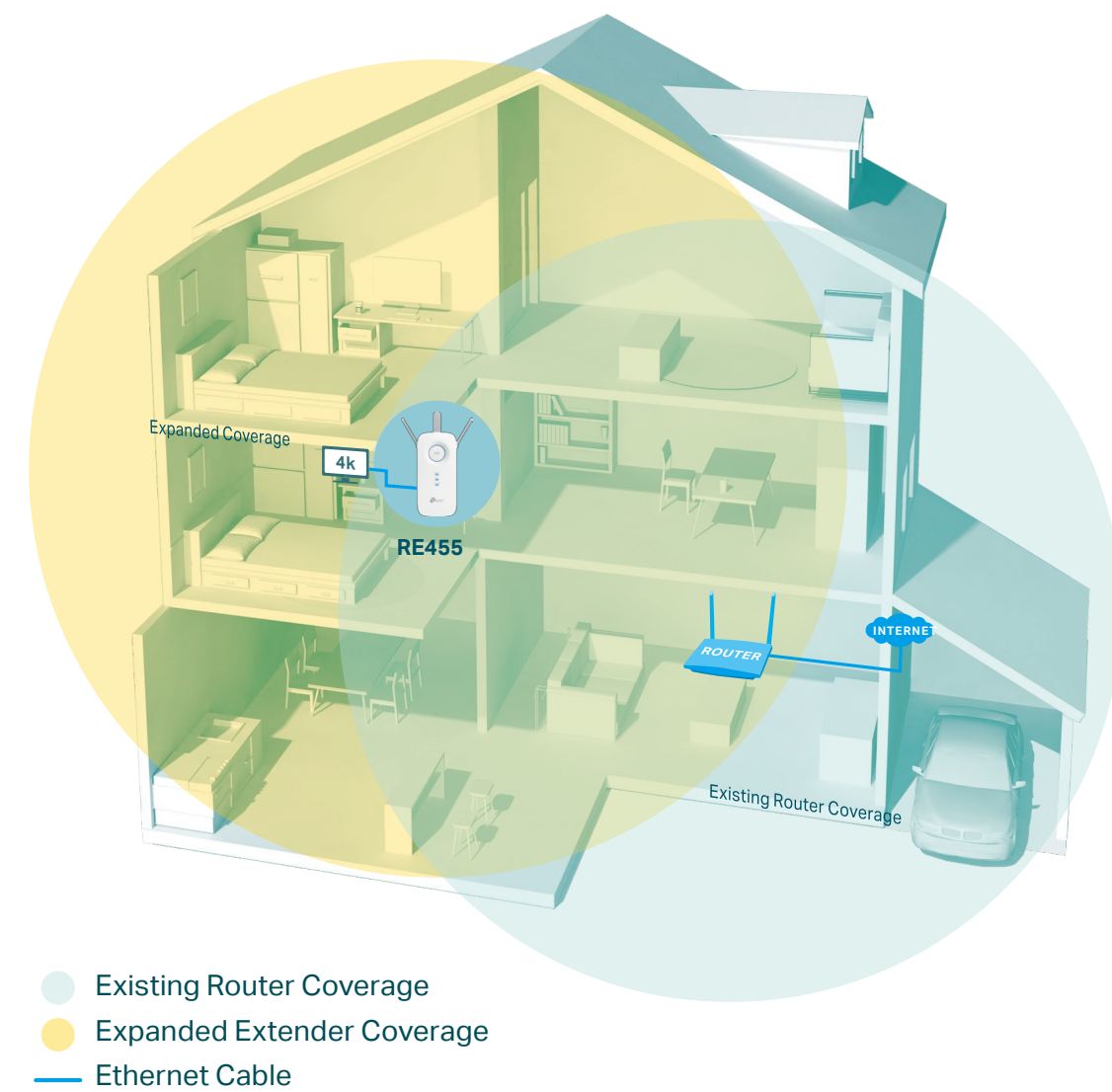


Easy Setup via Tether App

Highlights

Extend Powerful AC1750 Wi-Fi to Your Whole Home

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



Perfect Location at a Glance

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

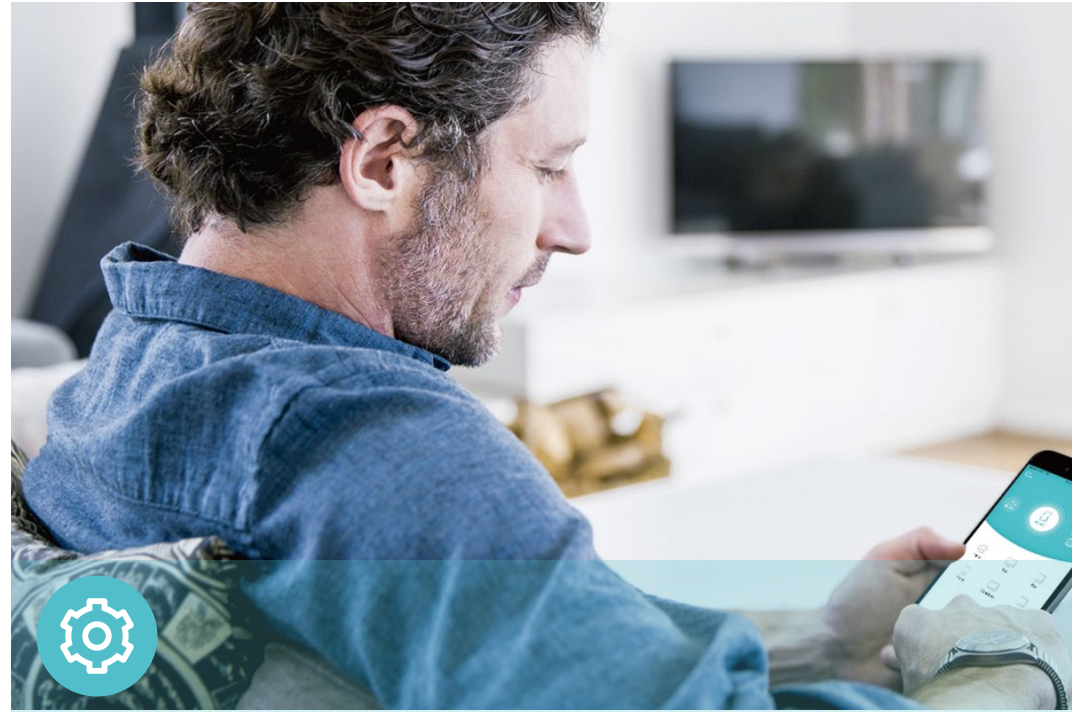


Good connection



Too far away from the router

Features



Ease of Use

- Intuitive Web UI – Ensures quick and simple installation without hassle.
- Fast Encryption – Instantly connect to the router with the touch of the WPS button
- Easy On/Off – LED On/Off button allows users to turn LED on or off
- Power Scheduling – Schedule the power on or off to your needs to save power
- 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 450 Mbps (over 2.4 GHz) and 1300 Mbps (over 5 GHz)
- Support 802.11 ac – Provides a data transfer rate 3 times faster than 802.11n for each stream
- High Speed Mode – Use both Wi-Fi bands to establish one super-high-speed connection, ideal for HD streaming&gaming
- Gigabit Ethernet Port – Plug in to give wired device network access, particularly ideal for high bandwidth consuming devices



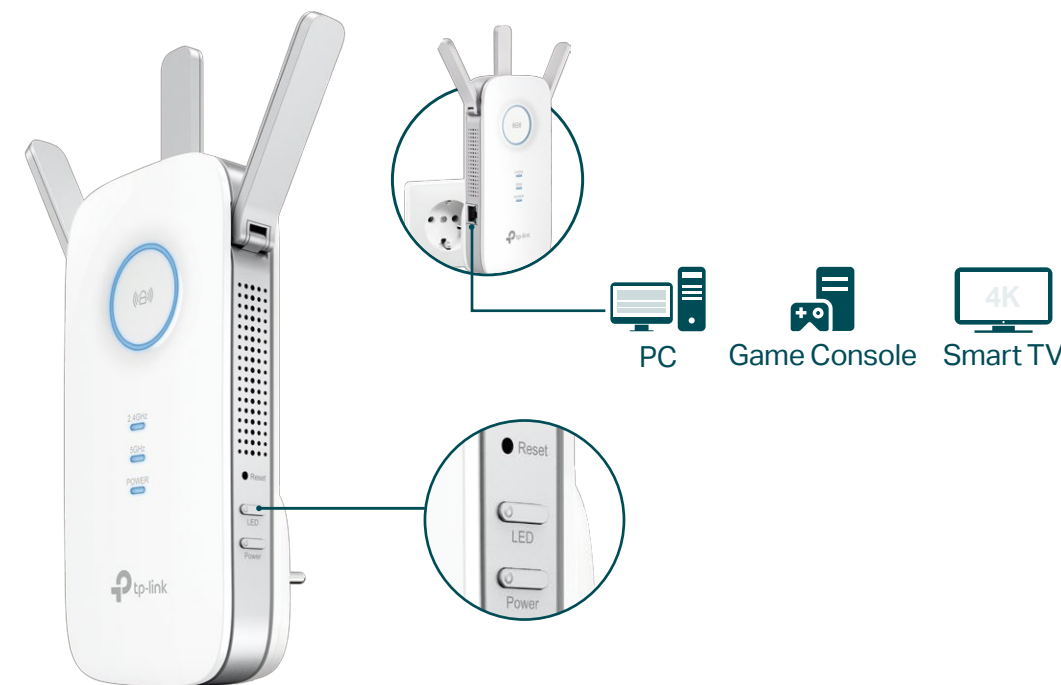
Reliability

- Simultaneous Dual Band – Separate 2.4 GHz and 5 GHz Wi-Fi bands allow more devices to connect to your network without reducing performance
- Reliable Connection – Three adjustable external antennas provide stronger connections and greater Wi-Fi coverage
- Access Control – Allow or restrict internet access for certain devices for specifiable amounts of time

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 Omni-Directional Antennas
- Max Power Consumption: <13W
- Dimensions (W × D × H):
3.4×1.1×6.4 in. (86.4×29×163 mm)



Wireless

- Wireless Standards: IEEE 802.11a/n/ac 5 GHz, IEEE 802.11b/g/n 2.4 GHz
- Frequency: 2.4 GHz and 5 GHz
- Signal Rate: 450 Mbps at 2.4 GHz, 1300Mbps at 5 GHz
- Transmit Power:
CE: <20 dBm (2.4 GHz), <30 dBm (5 GHz)
- Reception Sensitivity:
5G Hz:
11a 6Mbps: -93dBm, 11a 54Mbps: -76dBm
11ac HT20 MCS0: -93dBm, 11ac HT20 MCS8: -69dBm
11ac HT40 MCS0: -90dBm, 11ac HT40 MCS9: -64dBm
11ac HT80 MCS0: -87dBm, 11ac HT80 MCS9: -61dBm
2.4 GHz:
11g 54Mbps: -76dBm
11n HT20 MCS7: -73dBm
11n HT40 MCS7: -70dBm
- Wireless Function: WMM, Short GI, Enable/Disable Wireless Radio, Wireless Statistics, High Speed
- Wireless Security: 64/128-bit WEP, WPA/WPA2, WPA/WPA2-PSK encryptions

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
AC1750 Wi-Fi Range Extender RE455
Quick Installation Guide

*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage per m2 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.

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Attention: This device may only be used indoors in all EU member states and EFTA countries.