RE500
AC1900 Wi-Fi Range Extender

Superfast Dual Band Wi-Fi Extension Up to 14,000 Sq. Ft.

RE500

600Mbps+
1300Mbps

3X3
MU-MIMO

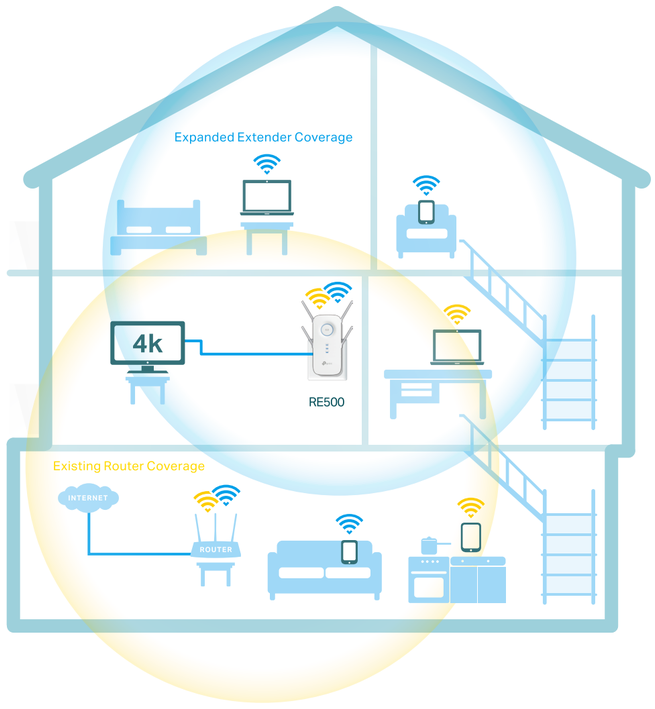
Tether
App

Beamforming
Technology

Highlights

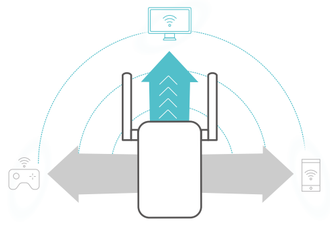
Wi-Fi Coverage Up to 14,000 Sq. Ft.

The AC1900 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 600Mbps on the 2.4GHz band and 1300Mbps on the 5GHz band.



MU-MIMO for 3× Faster Connections

MU-MIMO technology serves up to three devices at once, reducing wait time, increasing Wi-Fi throughput for every device, and making each stream more efficient.



Traditional Range Extender

Sends data to one device at a time

MU-MIMO Range Extender

Simultaneously sends data to multiple devices

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 onling updating on the web UI

Speed

- Ultimate Wireless Speed – Combined wireless speeds of up to 600Mbps (over 2.4GHz) and 1300Mbps (over 5GHz)
- MU-MIMO Technology – Simultaneously exchanges data with several devices, achieving speeds which are 3× faster than standard AC extenders
- Support 802.11 ac – Provides a data transfer rate 3 times faster than 802.11n for each stream
- Dual-core CPU – 880MHz dual-core CPU 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 – Four 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: 4 External Antennas
- Power Consumption: CE: 12W, FCC: 17W
- Dimensions (L × W × H): 163×86×40mm

Wireless

- Wireless Standards: IEEE 802.11a/n/ac 5GHz, IEEE 802.11b/g/n 2.4GHz
- Frequency: 2.4GHz and 5GHz
- Signal Rate: 600Mbps at 2.4GHz, 1300Mbps at 5GHz
- Transmit Power: CE: <20dBm(2.4GHz),<23dBm(5GHz), FCC: <27dBm(2.4GHz), <25dBm(5GHz)
- Reception Sensitivity:

  5GHz:

  11a 6Mbps: -96dBm, 11a 54Mbps: -78dBm

  11ac HT20: -69dBm, 11ac HT40: -66dBm

  11ac HT80: -63dBm

  2.4GHz:

  11g 54Mbps: -79dBm, 11n HT20: -77dBm

  11n HT40: -74dBm
- Wireless Function: Enable/Disable Wireless Radio, Wireless Statistics
- Wireless Security: 64/128-bit WEP, WPA/WPA2, WPA/WPA-PSK2 encryptions

Others

- Certification

  CE, 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

  AC1900 Wi-Fi Range Extender RE500

  Quick Installation Guide

For more information, please visit
http://www.tp-link.com/en/products/details/RE500.html
or scan the QR code left