



AC 1900

Touch Screen Wi-Fi Range Extender RE590T

Highlights

- **Superior Range Extension** – 3 dual band detachable antennas provide reliable connections and extend Wi-Fi coverage by up to 10,000 sq ft¹
- **Intuitive Touchscreen Display** – Effortlessly set up and manage your extended network settings at your fingertips
- **Superfast Wi-Fi** – Simultaneous 600Mbps on 2.4GHz and 1300Mbps on 5GHz totals 1900Mbps Wi-Fi speeds, ideal for 4K streaming and online gaming
- **Beamforming Technology** – Delivers highly targeted and efficient wireless connections
- **Dual Core 1 GHz Processor** – Ensures no interruption when simultaneously processing multiple wireless or wired tasks
- **4 Gigabit Ethernet Ports** – Act as a wireless adapter to connect wired devices to your network at gigabit speed



600Mbps+
1300Mbps



Touch
Screen



Beamforming
Technology



Dual Core
1 GHz CPU



700mW
High Power



Gigabit
Ports



TP-LINK
Tether App



ANDROID APP ON
Google play

Features



Speed

- **Blazing Fast Wi-Fi Speed** – For combined wireless speeds of up to 1.9Gbps at 2.4Ghz & 5GHz band concurrently.
- **4 Gigabit Ethernet Ports** – Act as a wireless adapter to connect wired devices at gigabit speed.
- **1GHz Dual-Core Processor** – Handles multiple tasks at once without interruption.



Wi-Fi Range

- **Beamforming Technology** – Delivers highly targeted and efficient wireless connections.
- **Ultimate Range & Reliable Wi-Fi** – 3 dual band detachable antennas provide reliable connections and extend Wi-Fi coverage by up to 10,000 sq ft.
- **700mW High Power Amplifiers** – 700mW high power amplifiers provide ultimate range for connected devices.



Easy Use (Touchscreen)

- **Intuitive Touchscreen** – Easy installation and network management
- **On-screen WPS Button** – Press the WPS button on your router and the on-screen WPS button on your RE590T within 2 minutes to easily connect to the network.
- **Universal Compatibility** – Works with any Wi-Fi router or wireless access point.
- **TP-LINK Tether App** – Provides the easiest way to access and manage the range extender on your iOS and Android devices.

User-Friendly Touchscreen

Effortless Touch Experience

Personalize your network's settings easily with a responsive touchscreen and intuitive menu.



Quick Setup

Installs easily with just a few taps, no separate devices required.



Devices Control

Choose which devices run on your network and when they can connect to the Internet



Wireless Settings

Personalize your Wi-Fi settings, like hiding your network from view



WPS

Easily extend your wireless network at a touch of the WPS button on the screen

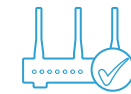


Time Display

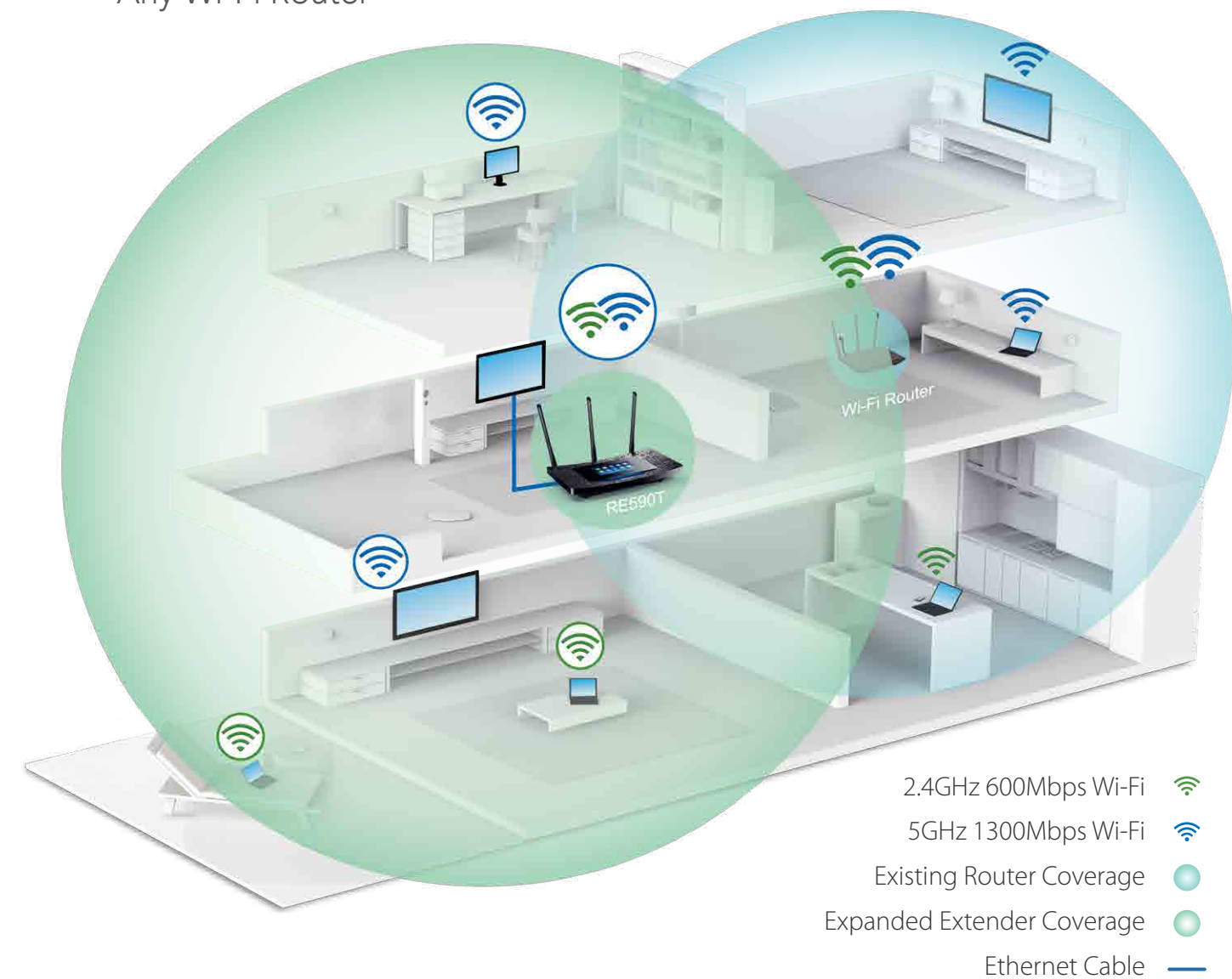
Display the range extender as a clock for added functionality

Easily Extend Blazing Wi-Fi Network

Extend Wi-Fi to every corner of your large house and manage your wireless network using the 4.3 inch touch screen display. Stream Ultra HD video and game online without lag using the RE590T's lightning-fast 1900Mbps Wi-Fi.



*Works with Any Wi-Fi Router



Specifications

Hardware

- **Interfaces:** 4*10/100/1000Mbps Ethernet Ports(RJ45)
- **Button:** Reset Button, Power On/Off Button
- **External Power Supply:** 12V/2.5A
- **Dimensions (W X D X H):** 11.2 x 6.2 x 2.1 in. (284 x 157 x 52 mm)
- **Antenna:** 3 dual band detachable antennas
- **Touch Screen:** Screen Type: Capacitive
Screen Size: 4.3 inch
Screen Resolution: 128 ppi



Wireless

- **Wireless Standards:** IEEE 802.11a/ac, IEEE 802.11b/g/n
- **Frequency:** 2.4GHz & 5GHz(11ac)
- **Signal Rate:** Up to 1300Mbps @5GHz, Up to 600Mbps @2.4GHz
- **Reception Sensitivity:** 2.4GHz:
 - 11g 54M: -76dBm@10% PER
 - 11n HT20 MCS7: -73dBm@10% PER
 - 11n HT40 MCS7: -71dBm@10% PER5GHz:
 - 11a 6Mbps:-94dBm@10% PER
 - 11a 54Mbps: -75dBm@10% PER
 - 11ac HT20 MCS8: -66dBm@10% PER
 - 11ac HT40 MCS9: -62dBm@10% PER
 - 11ac HT80 MCS9: -59dBm@10% PER
- **Transmit Power:** CE: <20dBm(2.4GHz), <23dBm(5GHz)
FCC: <30dBm
- **Wireless Modes:** Range Extender
- **Wireless Functions:** Concurrent Mode boost both 2.4G/5G WiFi band, Devices Control, Domain Login Function
- **Wireless Security:** 64/128-bit WEP, WPA-PSK / WPA2-PSK

Specifications

Others

Package Contents

- AC1900 Touch Screen Wi-Fi Range Extender RE590T
- 3 detachable antennas
- Power adapter
- RJ-45 Ethernet Cable
- Quick Installation Guide

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.

Environment

- Operating Temperature: 0 °C ~40 °C (32 °F ~104 °F)
- Storage Temperature: -30 °C ~70 °C (-22 °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=RE590T>

or scan the QR code left

¹Maximum extended Wi-Fi coverage specification is based on performance test results. Actual Wi-Fi coverage may vary due to environmental factors and external sources of wireless interference.

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Others

Similar Products



- AC1900 Wi-Fi Range Extender RE580D



- AC1750 Wi-Fi Range Extender RE450

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