TP-LINK®
The Reliable Choice

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 ft[1]
- **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

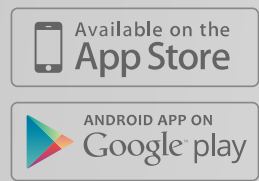Touch Screen

Beamforming Technology

Dual Core 1 GHz CPU

700mW High Power

Gigabit Ports

TP-LINK Tether App

Available on the App Store

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.

Wireless

2.4GHz TP-LINK_Extender_2.4GHz
5GHz TP-LINK_Extender_5GHz

.ıl Host Network 🛜 2.4GHz 🛜 5GHz 10:09

Administrator Password

Reboot & Reset

Screen Settings

Clock

Quick Setup

DHCP

Back

2.4GH

TP-LINK_C2600

TP-LINK_C9

TP-LINK_C8

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

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

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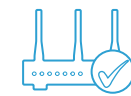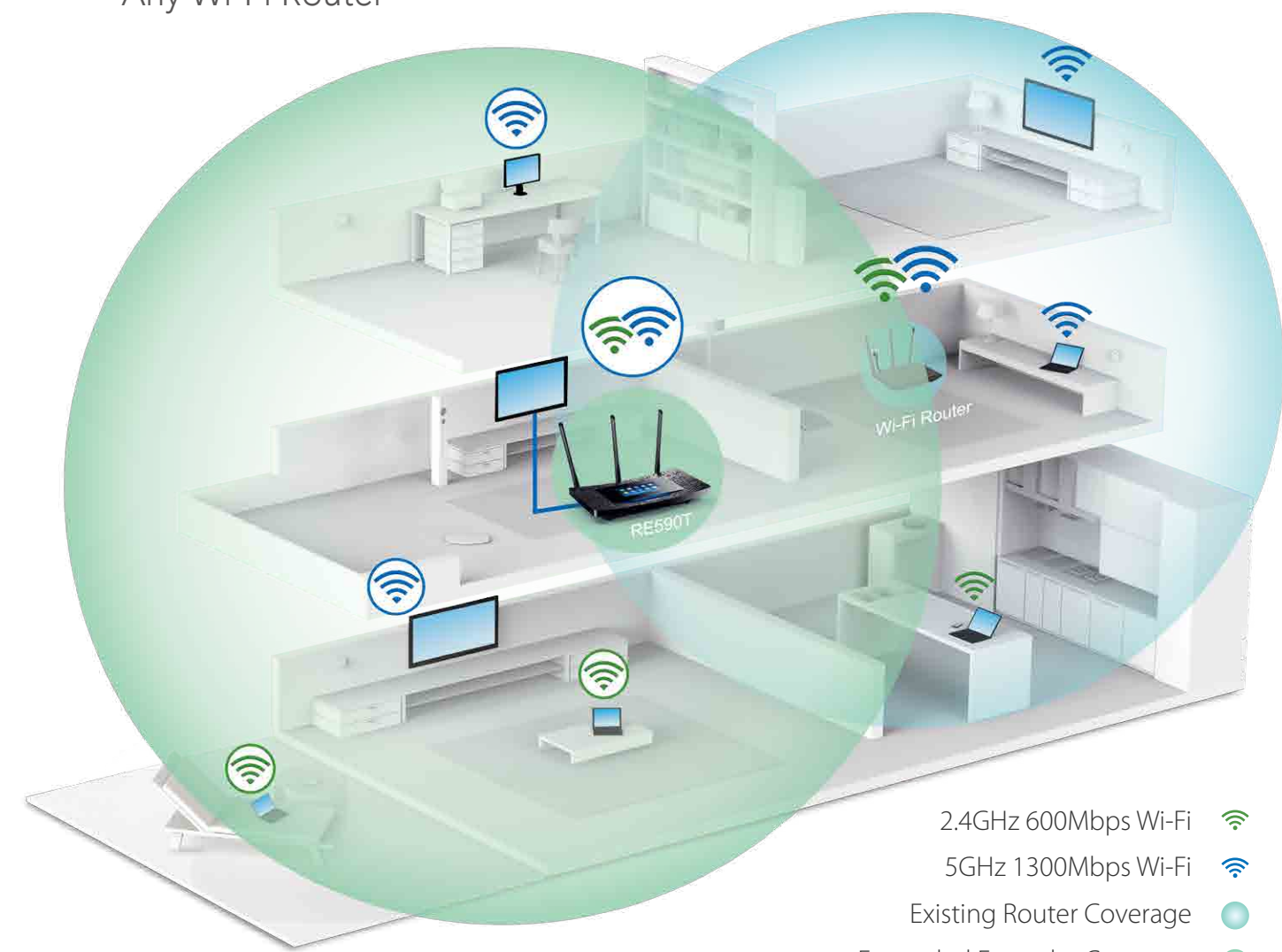Personalize your Wi-Fi settings, like hiding your network from view

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

Wi-Fi Router

RE590T

2.4GHz 600Mbps Wi-Fi 🛜
5GHz 1300Mbps Wi-Fi 🛜
Existing Router Coverage ◯
Expanded Extender Coverage ◯
Ethernet Cable —

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

Power   Power   Gigabit   Reset
        On/Off   Ethernet Ports

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% PER
  5GHz:
  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℃~40℃ (32℉ ~104℉)
- Storage Temperature: -30℃~70℃ (-22℉ ~158℉)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing

Others

Similar Products

- AC1900 Wi-Fi Range Extender RE580D

- AC1750 Wi-Fi Range Extender RE450

For more information, please visit

http://tp-link.com/en/products/details/?categoryid=&model=RE590T

or scan the QR code left

www.tp-link.com