**TP-Link**

**OneMesh™**

# AC1200 Mesh Wi-Fi Range Extender

Stable Dual Band
Wi-Fi Extension

RE300

**tp-link**

Reset

⏻    📶    2.4G    5G

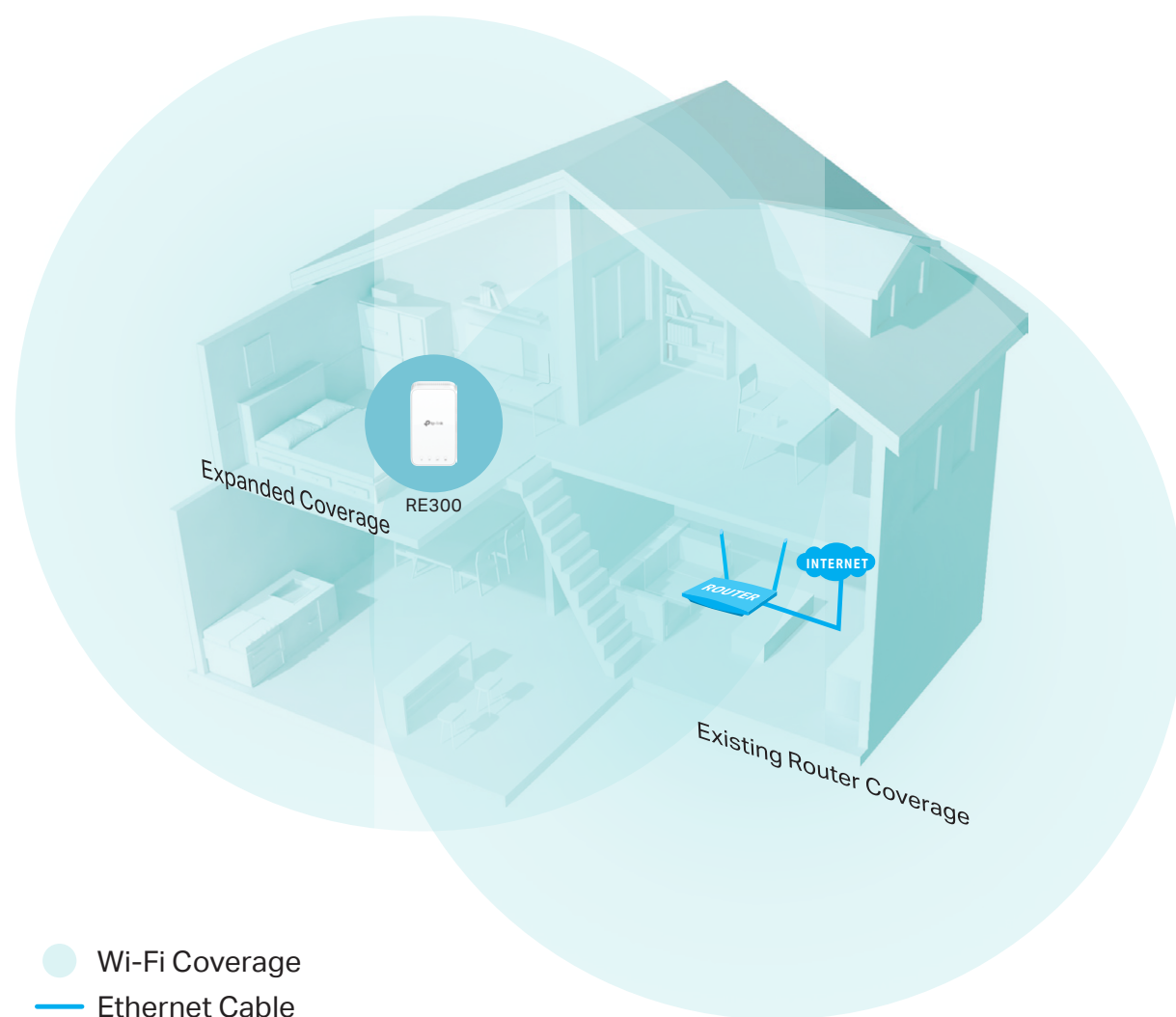360°  Wi-Fi Dead-Zone Killer  |  Supports Smart Roaming  |  Easy Setup via Tether App

# Highlights

## Extend AC1200 Wi-Fi to Your Whole Home

The AC1200 Mesh 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 300Mbps on the 2.4GHz band and 867Mbps on the 5GHz band.

Expanded Coverage

RE300

INTERNET

ROUTER

Existing Router Coverage

● Wi-Fi Coverage
— Ethernet Cable

### Dual Band Connection

Separate 2.4GHz and 5GHz Wi-Fi bands allow more devices to connect to your network without reducing performance.

### High Speed Mode

Use both Wi-Fi bands to establish one super-high-speed connection, ideal for HD streaming & gaming.

### Adaptive Path Selection

Keep your network running at top-speed by automatically choosing the fastest connection path to the router.

### Access Control

Allow or restrict internet access for certain devices for specifiable amounts of time.

# Highlights

## OneMesh™

RE300 is more than a traditional range extender. It can create a Mesh network by connecting to a OneMesh™ Router for seamless whole-home coverage. Enjoy a Mesh network without having to replace your existing router by simply updating your OneMesh™ router's firmware.

### Wi-Fi Dead-Zone Killer

Eliminate weak signal areas with Wi-Fi coverage for the whole house.

### Smart Roaming

Enjoy uninterrupted streaming, surfing, and more—even when moving around your home.

### One Wi-Fi Name

Stay connected to the same network name in every room.

### Easy Setup and Unified Management

Push the WPS button to set up a Mesh network you can manage from the Tether app or web UI.

Check full list of OneMesh™ extenders and routers at
https://www.tp-link.com/One-Mesh/compatibility

*More compatible devices coming soon

## Perfect Location at a Glimpse

An intelligent Signal light helps you quickly find the best location to install the range extender.

○ Good location
● Too far away from the router

# 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

· 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 300Mbps (over 2.4GHz) and 867Mbps (over 5GHz)

· Support 802.11ac – Provides a data transfer rate 3 times faster than 802.11n for each stream

· Adaptive Path Selection  – Keep your network running at top-speed by automatically choosing the fastest connection path to the router
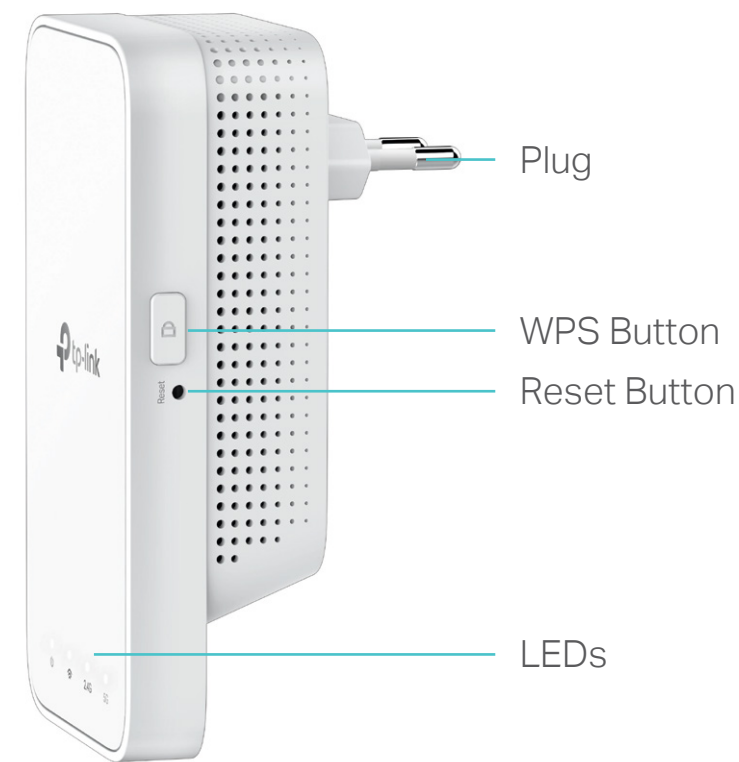


## Reliability

· Simultaneous Dual Band – Separate Wi-Fi bands enable more devices to connect to your network without a drop in performance

· Reliable Connection – Internal antennas for optimal Wi-Fi coverage and reliable wireless connections

# Specifications

## Hardware

· Button: WPS Button, Reset Button

· Antenna: 2 Internal Antennas

· Power Consumption: 8.5W

· Dimensions (W × D × H):
2.7×2.8×4.9 in. (69.5×72.3×124.1 mm)

Plug

WPS Button

Reset Button

LEDs

## Wireless

· Wireless Standards: IEEE 802.11a/n/ac 5GHz, IEEE 802.11b/g/n 2.4GHz

· Frequency: 2.4GHz and 5GHz

· Signal Rate: 300Mbps at 2.4GHz, 867Mbps at 5GHz

· Transmit Power: 2.4GHz ≤20dBm, 5GHz ≤30dBm

· Reception Sensitivity:

5GHz:

11a 6Mbps: -92dBm, 11a 54Mbps: -77dBm

11ac HT20 MCS0: -92dBm, 11ac HT20 MCS8: -70dBm

11ac HT40 MCS0: -89dBm, 11ac HT40 MCS9: -65dBm

11ac HT80 MCS0: -85dBm, 11ac HT80 MCS9: -61dBm

2.4GHz:

11g 54Mbps: -79dBm, 11n HT20 MCS7: -75dBm

11n HT40 MCS7: -72dBm

· Wireless Function: Enable/Disable Wireless Radio, Wireless Statistics

· Wireless Security: 64/128-bit WEP, WPA/WPA-PSK2 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

Wi-Fi Range Extender RE300

Quick Installation Guide

For more information, please visit

https://www.tp-link.com/products/details/RE300.html

or scan the QR code left

**www.tp-link.com**