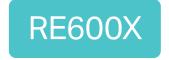




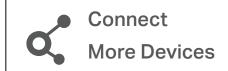
# AX1800 Wi-Fi 6 Range Extender

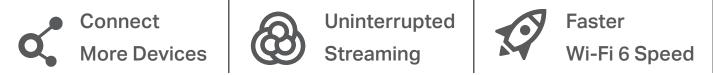
Boost your Wi-Fi











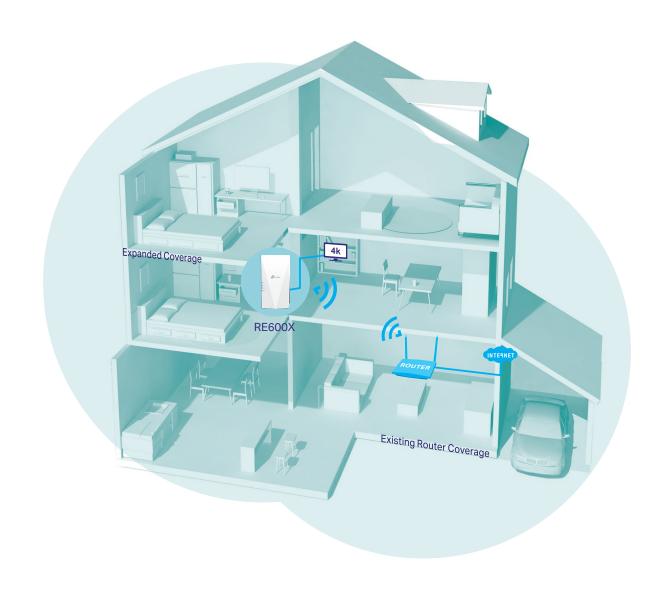




# Highlights

#### Extend AX1800 Wi-Fi to Your Whole Home

Works with any Wi-Fi router to eliminate Wi-Fi dead zones, and blanket your home with stable, super-fast, seamless Wi-Fi via OneMesh $^{TM}$ .







#### Faster Wi-Fi 6 Speed

Turbocharge your devices with wireless speeds of up to 1.8 Gbps.<sup>†</sup>



#### Larger Capacity<sup>a</sup>

Wi-Fi 6 builds a more efficient network that increases the average throughput by 4 times and servers more devices.<sup>^</sup>

#### Ultra-Low Latency

Take advantage of ultra-low latency to enjoy smoother online experience.



### Save Clients' Battery Power

Target Wake Time schedules the connection time of battery-powered devices to reduce their power consumption.\*



#### Adaptive Path Selection

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

Î

#### **Access Point Mode**

Create a new Wi-Fi access point to enhance your wired network with Wi-Fi capability.



#### Easy Setup Within Minutes

Easy setup and management via WPS button/Tether app/Web UI.

# Highlights



RE600X is more than a traditional range extender. It creates a Mesh network by connecting to a OneMesh™ router for seamless whole-home coverage.



#### 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.



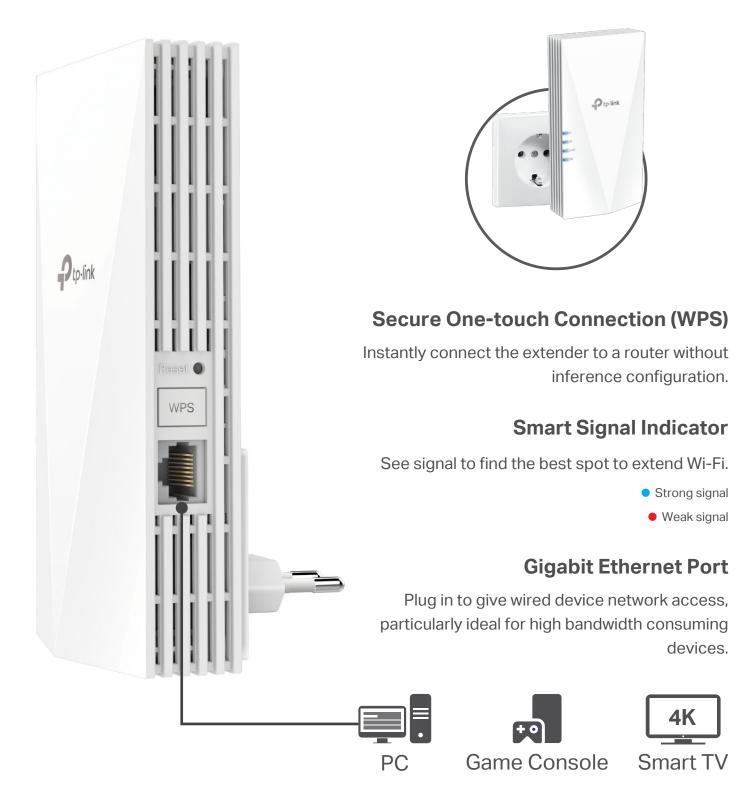
#### Easy Setup and Unified Management

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



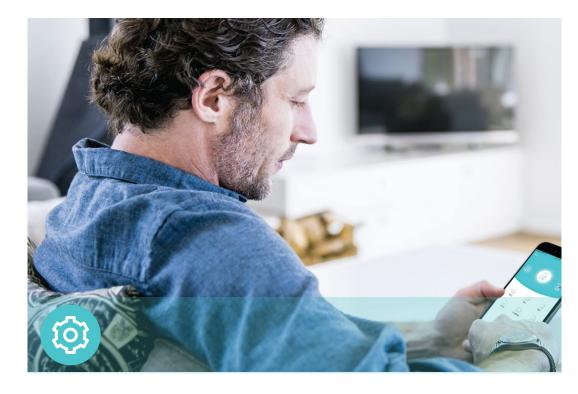
Check more info about OneMesh technology and full list of OneMesh extenders/routers at: https://www.tp-link.com/onemesh

# AX1800 Wi-Fi Range Extender



<sup>\*</sup>More compatible devices coming soon

# **Features**







### Ease of Use

- · Intuitive Web UI- Ensures quick and simple installation without hassle
- · Fast Encryption One-touch 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 online updating on the web UI

### Speed

- Ultimate Wireless Speed Combined wireless speeds of up to 574 Mbps (over 2.4 GHz) and 1201 Mbps (over 5 GHz)<sup>†</sup>
- · Support Wi-Fi 6 Turbocharge your devices with wireless speeds of up to 1.8 Gbps
- 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
- · Ultra-Low Latency Take advantage of ultra-low latency to enjoy smoother online experience

# Specifications

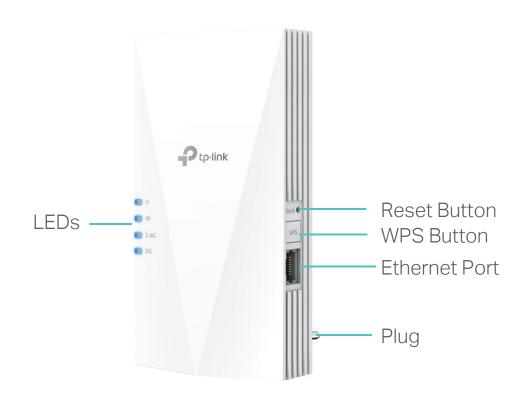
#### Hardware

· Button: WPS Button, Reset Button

Port: 1 Gigabit Ethernet Port

· Power Consumption: 10.8W

· Dimensions (W × D × H):  $3.1\times1.4\times5.9$  in.  $(78\times36\times149 \text{ mm})$ 



#### Wireless

- Wireless Standards: IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz
- · Frequency: 2.4 GHz and 5 GHz
- · Signal Rate: 574 Mbps at 2.4 GHz, 1201 Mbps at 5 GHz
- Transmit Power: CE: 2.4 GHz ≤16dBm, 5 GHz ≤21dBm
- · Reception Sensitivity:

5 GHz:

11ax HE80 MCS0: -87dBm, 11ax HE80 MCS11: -56dBm 11ax HE40 MCS0: -90dBm, 11ax HE40 MCS11: -60dBm 11ax HE20 MCS0: -93dBm, 11ax HE20 MCS11: -64dBm 11a 6Mbps: -93dBm, 11a 54Mbps: -75dBm 11ac HT20 MCS0: -93dBm, 11ac HT20 MCS8: -70dBm 11ac HT40 MCS0: -90dBm, 11ac HT40 MCS9: -66dBm 11ac HT80 MCS0: -87dBm, 11ac HT80 MCS9: -62dBm 2.4 GHz:

11ax HE40 MCS0: -92dBm, 11ax HE40 MCS11: -62dBm 11ax HE20 MCS0: -94dBm, 11ax HE20 MCS11: -64dBm 11g 54Mbps: -77dBm, 11n HT20 MCS7: -75dBm

11n HT40 MCS7: -72dBm

- Wireless Function: Enable/Disable Wireless Radio, Wireless Statistics
- · Wireless Security: WEP, WPA, WPA2, WPA3

#### **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 RE600X

Quick Installation Guide



For more information, please visit

https://www.tp-link.com/home-networking/range-extender/RE600X/

or scan the QR code left

†Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless coverage per ft² 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.

<sup>‡</sup>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.

§Uninterrupted Roaming is designed for devices that support the 802.11k/v standard.

<sup>a</sup>Up to 4x Capacity refers to 4x increase in median throughput under dense environment compared to 11ac wave 2 range extender.

\*Saving clients' battery power requires clients to also support the 802.11ax Wi-Fi standard. Actual power reduction may vary as a result of network conditions, client limitations, and environmental factors.

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