



# 300Mbps

## Wi-Fi Range Extender

### TL-WA855RE

#### Highlights

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- Expanded Wi-Fi coverage – Delivers fast and reliable wired and wireless connectivity
- External Antennas – For better Wi-Fi coverage and more reliable connections
- AP Mode Support – Creates a new Wi-Fi access point
- Wi-Fi Coverage Control – Regulates the Wi-Fi coverage as desired
- Functional Web UI – Easily block unwanted users, set up a Power On/Off schedule, control the LED On/Off, etc
- TP-LINK Tether App Support – Tether app allows easy access and management with your mobile devices remotely

#### Description

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The TP-LINK 300Mbps Wi-Fi Range Extender connects to your router wirelessly, strengthening and expanding its signal into areas it can't reach on its own. Featuring 2 external antennas with MIMO technology, the TL-WA855RE boosts speeds and increases efficiency throughout the network.

# Features



## Speed

- **N300 Wi-Fi Speeds**– Provides fast Wi-Fi access up to 300Mbps.
- **Fast Ethernet Port** – Acts as a wireless adapter to connect wired devices.



## Reliability

- **Reliable Connection** – Two external antennas with MIMO technology for better Wi-Fi coverage and reliable wireless connections.
- **Universal Compatibility** – Works with any Wi-Fi router.



## Ease of Use

- **Easy Two Touch Setup** – Press the WPS button on your router and the Range Extender button on the TL-WA855RE within 2 minutes to easily expand wireless coverage.
- **Intelligent Signal Indicator** – Intelligent signal lights help to find the best location for optimal Wi-Fi coverage by showing the signal strength.
- **Compact Design** – For easy and flexible deployment.



# Boost Wi-Fi Coverage

TL-WA855RE boosts your existing Wi-Fi range & delivers faster wireless speed in hard-to-reach area, providing reliable connections for laptops, smartphones, tablets and other wireless-enabled devices.



# Ease of Use

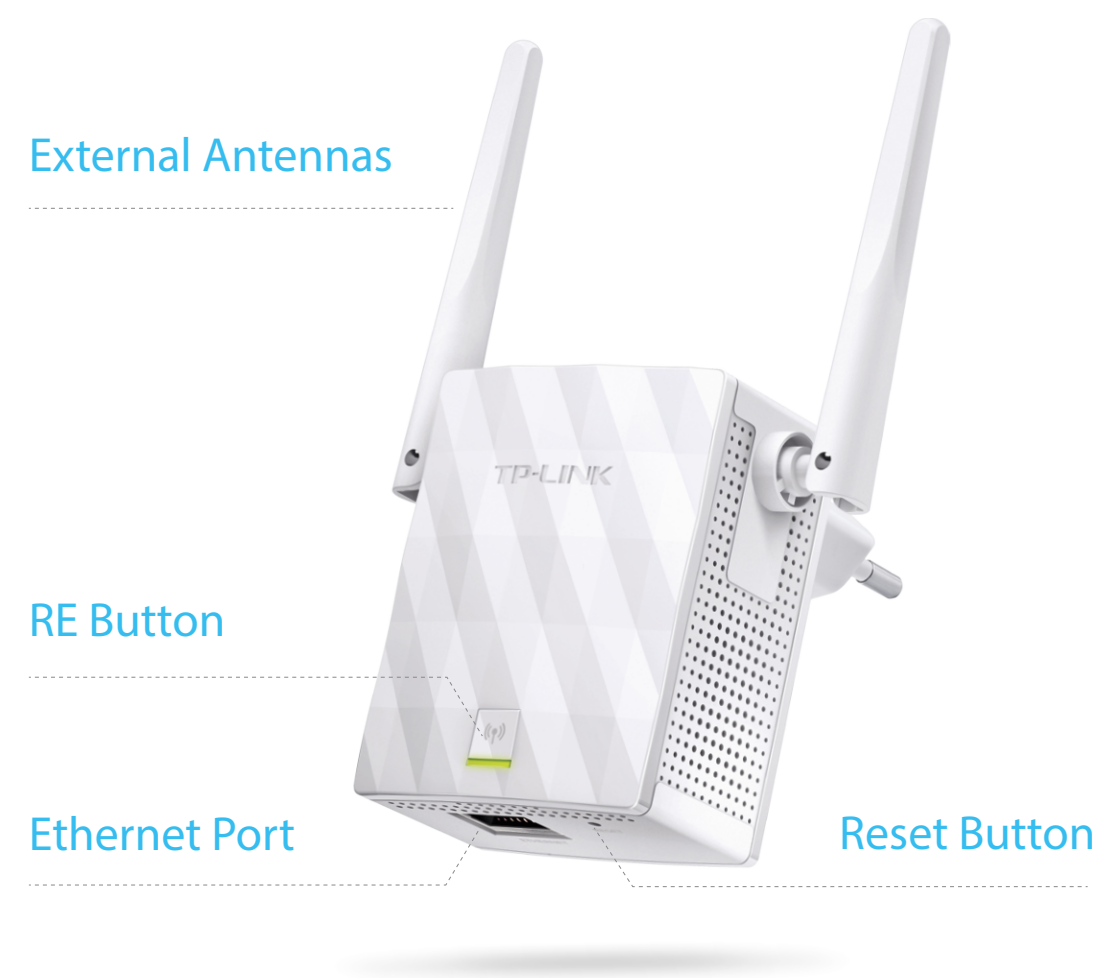
Expanding your network should be easy. You can get set up in seconds with its RE button. And the Intelligent Signal Indicator LED provides a simple, color-coded indication of whether your range extender is too close to or too far from the main router.



# Specifications

## Hardware

- Standards and Protocols: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
- Interface: 1\*10/100 Ethernet Port(RJ45)
- Plug Type: EU, UK, US
- Button: RE (Range Extender) Button, Reset Button
- Dimensions (W X D X H): 2.0 x 1.3 x 2.6 in. (52 x 34 x 65mm)
- Antenna: 2\*external
- Power Consumption: About 3W



## Wireless

- Frequency: 2.4~2.4835GHz
- Signal Rate: 11n: Up to 300Mbps (dynamic)  
11g: Up to 54Mbps (dynamic)  
11b: Up to 11Mbps (dynamic)
- Reception Sensitivity: 2.4GHz:  
270M: -68dBm@10% PER  
130M: -68dBm@10% PER  
108M: -68dBm@10% PER  
54M: -68dBm@10% PER  
11M: -68dBm@8% PER  
6M: -68dBm@10% PER  
1M: -68dBm@8% PER
- Transmit Power: <20 dBm (EIRP)
- Wireless Modes: Range Extender, AP Mode
- Wireless Security: WPA-PSK/WPA2-PSK, 64/128-bit WEP



# Specifications

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## Others

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### Package Contents

- 300Mbps Wi-Fi Range Extender TL-WA855RE
- 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: -40 °C ~70 °C (-40 °F ~158 °F)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing

# Similar Products

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- AC750 Wi-Fi Range Extender RE210



- 300Mbps Wi-Fi Range Extender with AC Passthrough TL-WA860RE