

300Mbps Universal Wi-Fi Range Extender

TL-WA850RE

◎ Features:

- Greatly extends existing wireless coverage to eliminate “dead zones”
- Easily extends your wireless network at a push of the Range Extender button
- Wall-mount design, just plug in and play, very convenient
- Ethernet port allows the Extender to function as a wireless adapter to connect wired devices
- LED Control function includes a Night Mode for peaceful sleep
- Tether App allows easy access and management using any mobile device
- Supports domain name-based login (<http://tplinkrepeater.net>) for advanced management



◎ Description

TP-LINK's wall-mounted TL-WA850RE is designed to conveniently extend the coverage and improve the signal strength of an existing wireless network to eliminate “dead zones”. Being incredibly user friendly, it is ideal for large homes or offices for experienced or novice users. Besides, TL-WA850RE can also be used as a wireless network adapter to help a wired device such as a smart TV or game console to receive Wi-Fi signals.

◎ Specifications:

Hardware Features	
Wireless Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Interface	One 10/100Mbps Ethernet Port (RJ45)
Button	Range Extender Button, Reset Button
Antenna	2*internal
Power Consumption	About 3W
Wireless Features	
Frequency	2.4~2.4835GHz
Signal Rate	11n: Up to 300Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic)
EIRP	< 20 dBm
Receive Sensitivity	270M: -68dBm@10% PER 130M: -68dBm@10% PER 108M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Wireless Mode	Range Extender
Wireless Functions	Access Control; Domain Login Function
Wireless Security	64/128/152-bit WEP WPA-PSK / WPA2-PSK
Others	
Certification	CE, RoHS
System Requirements	Microsoft® Windows® 10/8.1/8/7/Vista™/XP/2000/ NT/98SE, Mac® OS, NetWare®, UNIX® or Linux.
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.
Dimensions (W x D x H)	4.3 × 2.6 × 3.0in. (110.0 × 65.8 × 75.2mm)
Plug Type	EU

Diagram:

Working as a Range Extender



Working as a Wireless Adapter



Package:

- 300Mbps Universal Wi-Fi Range Extender TL-WA850RE
- RJ-45 Ethernet Cable
- Quick Installation Guide

Related Product:

- 300Mbps Wireless N USB ADSL2+ Modem Router TD-W8968
- 300Mbps Wireless N PCI Adapter TL-WN851ND
- 300Mbps High Gain Wireless USB Adapter TL-WN822N