

TP-LINK TL-WA850RE 300Mbps Universal Wireless N Range Extender(TL-WA850RE) TP-Link TL-WA850RE 300Mbps Universal Wall-Plug Wi-Fi Range Extender



TP-LINK's TL-WA850RE is designed to conveniently extend the coverage and improve the signal strength of an existing wireless network to eliminate "dead zones". With 300Mbps wireless N speeds, Range Extender button, miniature size and wall mounting design, extending a wireless network has never been easier. What's more, its Ethernet port allows the TL-WA850RE to act as a wireless adapter to turn a wired device into a wireless one.

Key Selling Points

- Range Extender mode boosts wireless signal to previously unreachable or hard-to-wire areas flawlessly
- Miniature size and wall-mounted design make it easy to deploy and move flexibly
- Easily expand wireless coverage at a push of Range Extender button
- Ethernet port allows the Extender to function as a wireless adapter to connect wired devices

Product Features

300Mbps Range Extender

The TL-WA850RE is designed to conveniently extend the coverage and improve the signal strength of an existing wireless network to eliminate "dead zones", help users maintain an existing wireless network and vastly improve the network's coverage. With 300Mbps wireless 802.11n speeds, it is ideal for smooth HD video, music streaming and online gaming.

Flexible deployment

The device's miniature size and wall-mounted design make it easy to deploy and move flexibly. What's more, the TL-WA850RE's profile function remembers previously paired wireless networks, meaning there is no need to reset the device when changing the paired router.

Plug and Play

With no new wires or cables, within range of their existing wireless network, users can easily extend wireless coverage at a push of the WPS button on their router followed by the Range Extender button on the TL-WA850RE or vice versa. An additional push of the pair button can quickly establish an encrypted connection with client devices.

Ethernet bridge

The TL-WA850RE's single Ethernet port allows the Extender to function as a wireless adapter to connect wired devices like Blu-ray players, gaming consoles, DVRs and Internet TVs. At the same time, the device can share the wireless network as well.

Smart signal indicator light

5 signal lights represent the current signal strength that TL-WA850RE receives from existing router, which can help to find the right location to place the range extender so that the TL-WA850RE can achieve the best possible range and performance of the network.

Universal compatibility

Works seamlessly with all 802.11 b/g/n wireless devices. It is also compatible with the latest Windows 8 operating system.

Main Specifications

Product Description	TP-LINK TL-WA850RE 300Mbps Universal Wireless N Range Extender - Wi-Fi range extender
Device Type	Wi-Fi range extender
Form Factor	External
Localisation	United Kingdom
Data Link Protocol	Ethernet, Fast Ethernet, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Frequency Band	2.4 GHz
OS Required	UNIX, Novell NetWare, Microsoft Windows 98 Second Edition, Linux, Microsoft Windows NT, Microsoft Windows 2000/XP/Vista/7, Windows 8
Dimensions (WxDxH)	11 cm x 6.58 cm x 7.52 cm
Manufacturer Warranty	3 years warranty

Extended Specification

General

Device Type	Wi-Fi range extender
Width	11 cm
Depth	6.58 cm
Height	7.52 cm
Localisation	United Kingdom

Networking

Form Factor	External
Connectivity Technology	Wireless,wired
Cable(s) / Media Type Supported	Network cable
Data Transfer Rate	300 Mbps
Line Coding Format	DBPSK,DQPSK,CCK,64 QAM,16 QAM,OFDM
Data Link Protocol	Ethernet,Fast Ethernet,IEEE 802.11b,IEEE 802.11g,IEEE 802.11n
Spread Spectrum Method	DSSS
Network / Transport Protocol	TCP/IP
Frequency Band	2.4 GHz
Status Indicators	Power,LAN,wireless,WPS
Features	Auto-negotiation,MAC address filtering,firmware upgradable,Wi-Fi Multimedia (WMM) support,Wi-Fi Protected Setup (WPS),DHCP server
Encryption Algorithm	128-bit WEP,64-bit WEP,152-bit WEP,WPA-PSK,WPA2-PSK
Compliant Standards	IEEE 802.3,IEEE 802.3u,IEEE 802.11b,IEEE 802.11g,IEEE 802.11n

Aerial

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Expansion / Connectivity

Interfaces	1 x 100Base-TX - RJ-45
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Miscellaneous

Cables Included	1 x network cable
Compliant Standards	Plug and Play,RoHS

Power

Power Consumption Operational	3 Watt
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Software / System Requirements

Software Included	Drivers & Utilities
OS Required	UNIX,Novell NetWare,Microsoft Windows 98 Second Edition,Linux,Microsoft Windows NT,Microsoft Windows 2000/XP/Vista/7,Windows 8

Manufacturer Warranty

Service &Support	Limited warranty - 3 years
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 90% (non-condensing)

What's in the box

TP-LINK TL-WA850RE 300Mbps Universal Wireless N Range Extender (Wall Mount)
Network cable

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