300Mbps WiFi Range Extender with AC Passthrough

**TL-WA860RE**

- **Features:**
  - Greatly extend existing wireless coverage to eliminate “dead zones”
  - Extra outlet makes power available for other electrical devices
  - Work as a wireless network adapter, providing wireless connectivity for your Ethernet-enabled devices
  - Wireless N speed up to 300Mbps
  - 2 fixed external antennas provide excellent WiFi coverage and reliability
  - 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
  - Smart Signal Indicator Light help to find the right location to place the range extender
  - Profile function remembers previously connected wireless networks
  - Supports domain name-based login (http://tplinkextender.net) for advanced management

- **Description**

  TP-LINK’s TL-WA860RE 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. In addition, its extra outlet makes power available for other electrical devices. What’s more, its Ethernet port allows the TL-WA860RE to act as a wireless adapter to turn a wired device into a wireless one.
## Specifications:

<table>
<thead>
<tr>
<th>Hardware Features</th>
<th></th>
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<tbody>
<tr>
<td><strong>Wireless Standards</strong></td>
<td>IEEE 802.11b, IEEE 802.11g, IEEE 802.11n</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td>10/100Mbps Ethernet Port (RJ45)</td>
</tr>
<tr>
<td><strong>Button</strong></td>
<td>Range Extender Button, Reset Button, On/Off Button</td>
</tr>
<tr>
<td><strong>Antenna</strong></td>
<td>2 * External</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>About 3W</td>
</tr>
</tbody>
</table>

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<tr>
<th>Wireless Features</th>
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<tbody>
<tr>
<td><strong>Frequency</strong></td>
<td>2.4~2.4835GHz</td>
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</tbody>
</table>
| **Signal Rate** | 11n: Up to 300Mbps(dynamic)  
11g: Up to 54Mbps(dynamic)  
11b: Up to 11Mbps(dynamic) |
| **EIRP** | < 20 dBm |
| **Receive Sensitivity** | 270M: -69dBm@10% PER  
130M: -69dBm@10% PER  
108M: -69dBm@10% PER  
54M: -69dBm@10% PER  
11M: -86dBm@8% PER  
6M: -89dBm@10% PER  
1M: -91dBm@8% PER |

<table>
<thead>
<tr>
<th>Wireless Mode</th>
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</table>
| **Wireless Functions** | Range Extender  
WMM(Wi-Fi Multimedia);  
Wireless MAC Address Filtering; |
| **Wireless Security** | Wireless Statistic;  
Domain Login Function |

<table>
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<tr>
<th>Others</th>
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<tr>
<td><strong>Certification</strong></td>
<td>CE, RoHS</td>
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</tbody>
</table>
| **System Requirements** | Microsoft® Windows® 8/7/Vista™/XP/2000/ NT/98SE,  
Mac® OS, NetWare®, UNIX® or Linux. |
| **Operating Temperature** | 0℃~40℃ (32℉~104℉) |
| **Storage Temperature** | -40℃~70℃ (-40℉~158℉) |
| **Operating Humidity** | 10%~90% non-condensing |
| **Storage Humidity** | 5%~90% non-condensing. |
| **Dimensions (W x D x H)** | 4.3 x 2.6 x 3.0in. (110.0 x 65.8 x 75.2mm) |
| **Plug Type** | EU |
**Diagram:**

**Working as a Range Extender**

- **Primary Wi-Fi Coverage**
- **Expanded Wi-Fi Coverage**
- **Tablet & Smart Phone**
- **300Mbps High Gain Wireless USB Adapter**

**Working as a Wireless Adapter**

- **Game Console**
- **Set-Top Box & IPTV**
- **PC**
- **Blu-ray Player**

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**Package:**

- 300Mbps WiFi Range Extender with AC Passthrough
  TL-WA860RE
- RJ-45 Ethernet Cable
- Resource CD
- 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

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