

## RP-WRE300

### 300Mbps Wireless-N Range Extender

RP-WRE300 WiFi Range Extender is designed to extend the coverage and improve the signal strength of an existing wireless network to eliminate WiFi “dead zones”. With 300Mbps wireless N speeds, WPS button, compact size and wall-plug design, extending a wireless network has never been easier.

This easy-to-install WiFi extender help you keep mobile devices, online gaming and computers connected to WiFi with a reliable connection and expanded coverage in every corner of your places.



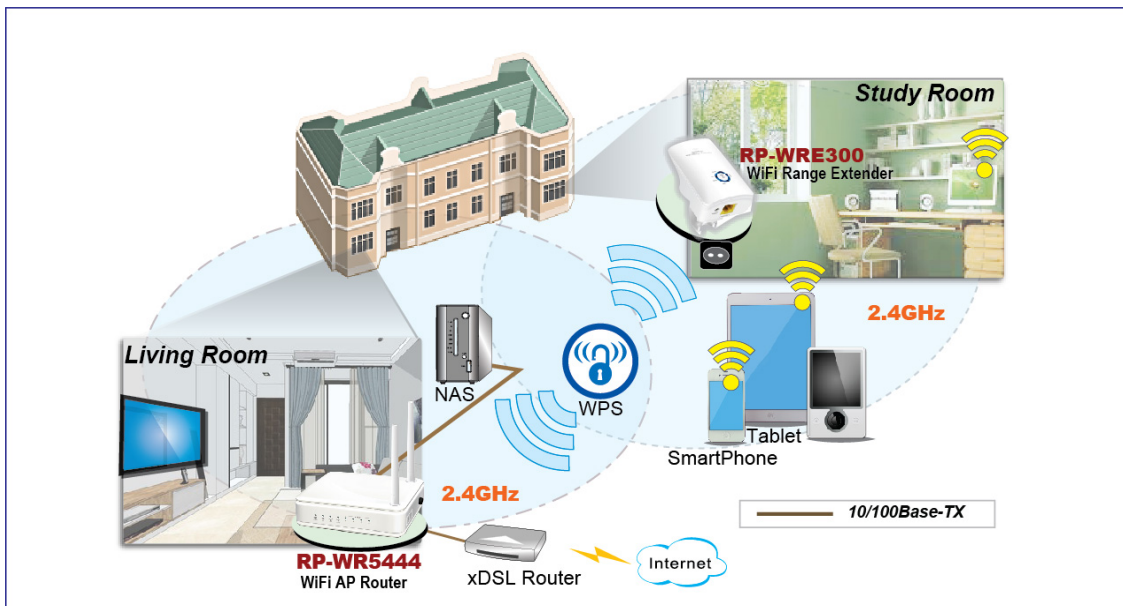
## Features

- Boosts existing WiFi network to places out of reach or hard-to-wire areas flawlessly
- Stylish and wall-plug design make it easy to deploy and move flexibly
- Advanced 64/128-bits WEP, WPA, WPA2 encryptions protect your network from security threats
- Excellent wireless N speed up to 300Mbps
- WPS button for quick setup to connect your router
- 10/100Base-T Ethernet router to provide Internet connectivity to all computers on your LAN
- User-friendly configuration program accessed via a web browser
- Easy install no CD required

# Specifications

<b>WiFi specification</b>	<ul style="list-style-type: none"> <li>• Operating Frequency : 2.412G~2.484GHz</li> <li>• Supports 802.11b data rates of up to 11 Mbps with automatic fallback to 5.5, 2, and 1 Mbps</li> <li>• Supports 802.11g data rates of up to 54 Mbps with automatic fallback to 48, 36, 24, 18, 12, 9, and 6 Mbps</li> <li>• Support 802.11n (MIMO 2T2R): Up to 300Mbps (MCS15)</li> <li>• Security supports 64/128-bits WEP, WPA, WPA2, WPS</li> </ul>
<b>Modulation types</b>	<ul style="list-style-type: none"> <li>• DSSS , DSSS+OFDM, OFDM</li> </ul>
<b>Output Power</b>	<ul style="list-style-type: none"> <li>• IEEE 802.11b: 19.53 dBm</li> <li>• IEEE 802.11g: 19.90 dBm</li> <li>• IEEE 802.11n 2.4GHz 20MHz: 19.51 dBm</li> <li>• IEEE 802.11n 2.4GHz 40MHz: 18.67 dBm</li> </ul>
<b>Receive sensitivity</b>	<ul style="list-style-type: none"> <li>• IEEE 802.11b: -82 dBm</li> <li>• IEEE 802.11g : -65 dBm</li> <li>• IEEE 802.11n:-62 dBm</li> </ul>
<b>LAN specification</b>	<ul style="list-style-type: none"> <li>• LAN:10 / 100Mbps Auto-MDI / MDI-X RJ-45 Ethernet port</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>• VPN pass through</li> <li>• Management - HTTP Web-based Configuration</li> </ul>
<b>Hardware interface</b>	<ul style="list-style-type: none"> <li>• Reset button to factory defaults</li> <li>• 1 x LAN:10/100Mbps Auto-MDI / MDI-X RJ-45 Ethernet port</li> <li>• Internal 3dBi Antenna</li> <li>• WPS switch button</li> <li>• Wireless Signal strength LED indicators</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• W62 * H98 * D47.2mm</li> </ul>
<b>Operating Environment</b>	<ul style="list-style-type: none"> <li>• Operating temperature: 0 ~ 40°C</li> <li>• Storage temperature: -20 ~ 70°C</li> <li>• Humidity: 20 ~ 95% non-condensing</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

# Application



## Ordering Information

**RP-WRE300**     300Mbps Wireless-N Range Extender