



## **RP-WR5442HB**

### **Wireless-N 4-P High-Power AP Router, 2T2R**

The Router is suitable for Small Office/Home Office (SOHO) Wireless network solution. It is a 4 in 1 network device, which combines wireless access point, firewall, 4-port Switch and the NAT-Router. It provides up to 300Mbps data transmission rate in 2.4GHz frequency, complies with IEEE802.11n, IEEE802.11g and IEEE802.11b. The router supports wireless LAN for up to 128-bit WEP, WPA/WPA2 encryption security. The device provides WEB and Remote Management and system log so that network administrators can manage and monitor the network in real time.

The Router provides a hardware WPS (Wi-Fi protected setup) button, which helps you setup a secured wireless network in a minute and activate the wireless protection easily.

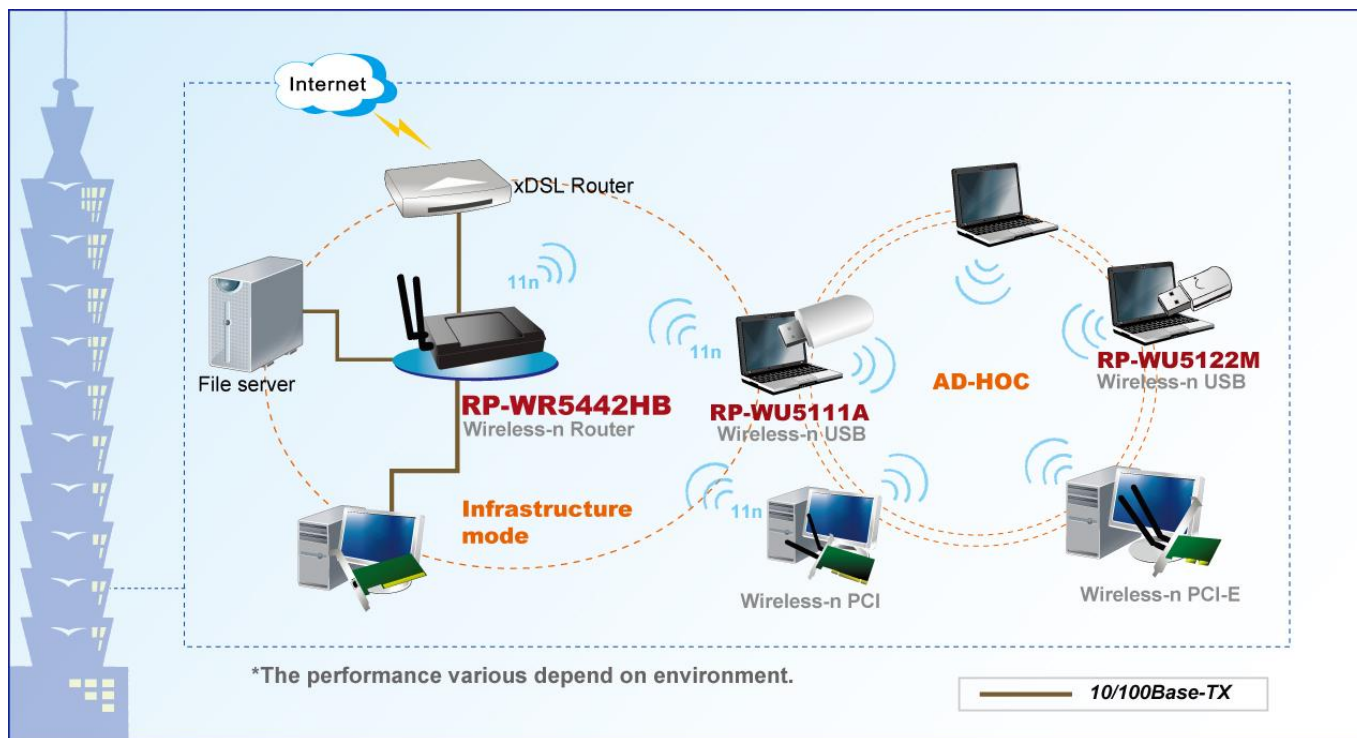
## **Feature**

- 2.4GHz IEEE 802.11n 2x2 MIMO
- Complies with IEEE 802.11bg
- Data-rate up to 300Mbps
- High power and High sensitivity
- Wide coverage
- RF output power adjustable
- Firewall, URL/IP/Port/MAC filtering
- Firmware upgrade via HTTP
- Support Gateway, Bridge and WISP mode
- Multiple ESSID
- QoS enhancement-WMM
- TCP/UDP/ICMP/ARP protocol stack
- Virtual DMZ, Port forwarding
- Easy setup wizard
- Web-based utility
- Passive PoE
- Telnet supported
- Country code selectable
- WAN Remote Port configuration
- Support 12V Passive PoE onboard

## • Specification

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.11b, IEEE 802.11g, IEEE 802.11n</li> <li>• IEEE 802.3 and 802.3u 10/100 Mbps</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• 4* RJ-45 10/100Mbps LAN Port (LAN1 passive PoE in, LAN4 passive PoE out)</li> <li>• 1* RJ-45 WAN Port (Passive PoE in)</li> <li>• Reset Button</li> <li>• WPS Button</li> </ul>
<b>Antenna</b>	<ul style="list-style-type: none"> <li>• Two detachable 5dBi antennas</li> </ul>
<b>Frequency Band</b>	<ul style="list-style-type: none"> <li>• 2.400GHz ~ 2.484GHz</li> </ul>
<b>Access Protocol</b>	<ul style="list-style-type: none"> <li>• CSMA/CA</li> </ul>
<b>Data Rates</b>	<ul style="list-style-type: none"> <li>• 802.11b: up to 11Mbps</li> <li>• 802.11g: up to 54Mbps</li> <li>• 802.11n(20MHz): up to 144Mbps</li> <li>• 802.11n(40MHz): up to 300Mbps</li> </ul>
<b>Output Power</b>	<ul style="list-style-type: none"> <li>• 802.11b: up to <math>28 \pm 1</math>dBm</li> <li>• 802.11g: up to <math>26 \pm 1</math>dBm</li> <li>• 802.11n: up to <math>26 \pm 1</math>dBm</li> </ul>
<b>Receive sensitivity</b>	<ul style="list-style-type: none"> <li>• -96dBm @ 802.11b</li> <li>• -91dBm @ 802.11g</li> <li>• -91dBm @ 802.11n</li> </ul>
<b>Operation mode</b>	<ul style="list-style-type: none"> <li>• AP, Client, WDS, AP+WDS, Gateway, Bridge, Wireless ISP</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• WEP: WEP(64/128bit),</li> <li>• WPA/ WPA2: TKIP / AES, WPS</li> </ul>
<b>Management Features</b>	<ul style="list-style-type: none"> <li>• Firmware upgrade via HTTP</li> <li>• WAN and LAN side connection statistics</li> <li>• Configuration of NAT / NAPT</li> <li>• Selection of Bridge or Router Mode</li> <li>• PPP user ID and password</li> </ul>
<b>Router Features</b>	<ul style="list-style-type: none"> <li>• DHCP Server and Client</li> <li>• NAPT (Network Address and Port Translation)</li> <li>• ICMP (Internet Control Message Protocol)</li> <li>• DDNS (Dynamic Domain Name Service)</li> </ul>
<b>Ethernet Features</b>	<ul style="list-style-type: none"> <li>• Compliant with IEEE 802.3 and 802.3u 10/100 Mbps</li> <li>• All Ethernet ports support auto-crossover (MDI/MDI-X)</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• External power adapter DC12V 1A</li> <li>• 12V Passive PoE onboard</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating Temperature: -20°C ~ 60°C</li> <li>• Operating Humidity: 10%~90% (Non-Condensing)</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>• 147 * 98 * 30 mm</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

## Application



## Ordering information

**RP-WR5442HB** Wireless-N/b/g 4-P High-Power 28dBm AP Router, 2T2R, with 5dBi antenna

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