



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.

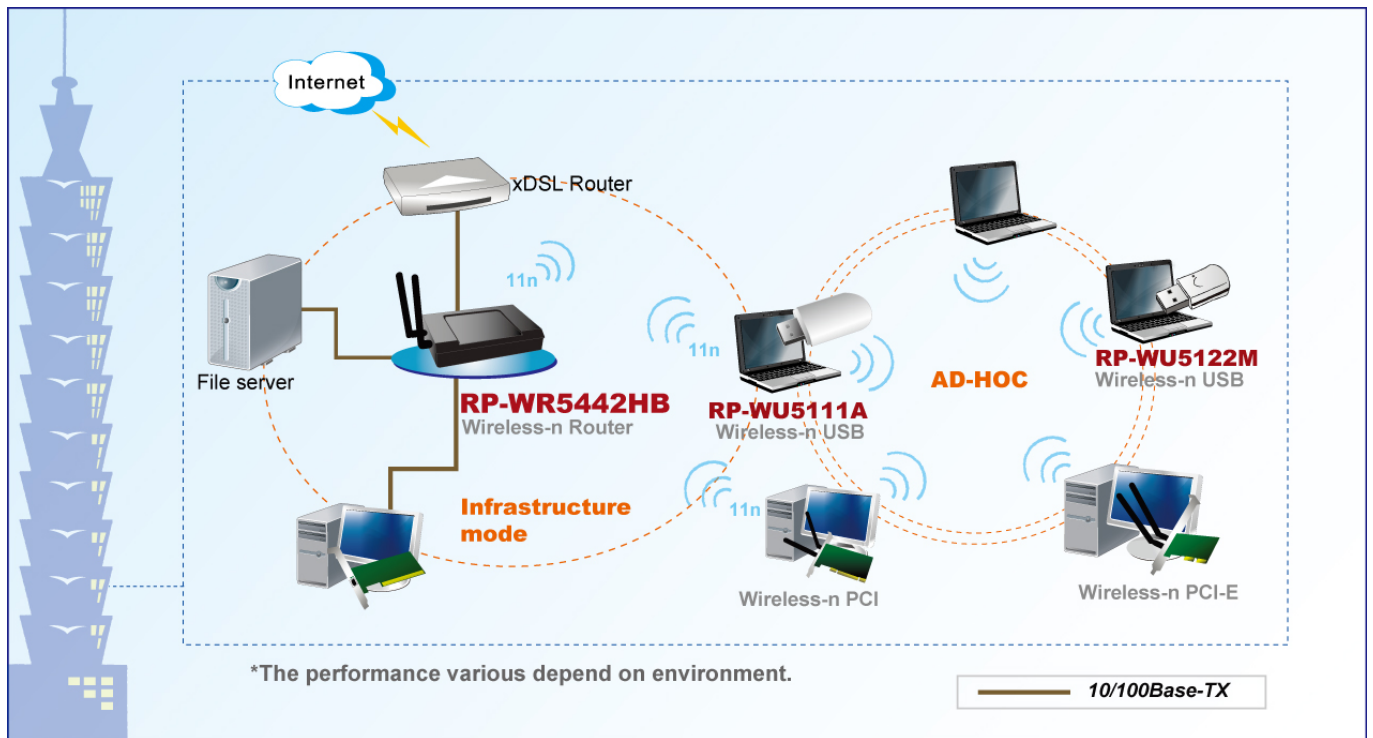
Features

- 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

- Specifications

Standards	<ul style="list-style-type: none"> IEEE 802.11b, IEEE 802.11g, IEEE 802.11n IEEE 802.3 and 802.3u 10/100 Mbps
Interface	<ul style="list-style-type: none"> 4* RJ-45 10/100Mbps LAN Port (LAN1 passive PoE in, LAN4 passive PoE out) 1* RJ-45 WAN Port (Passive PoE in) Reset Button WPS Button
Antenna	<ul style="list-style-type: none"> Two detachable 5dBi antennas
Frequency Band	<ul style="list-style-type: none"> 2.400GHz ~ 2.484GHz
Access Protocol	<ul style="list-style-type: none"> CSMA/CA
Modulation types	<ul style="list-style-type: none"> DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM
Output Power	<ul style="list-style-type: none"> 802.11b: up to 28 ± 1dBm 802.11g: up to 26 ± 1dBm 802.11n: up to 26 ± 1dBm
Receive sensitivity	<ul style="list-style-type: none"> -96dBm @ 802.11b -91dBm @ 802.11g -91dBm @ 802.11n
Operation mode	<ul style="list-style-type: none"> AP, Client, WDS, AP+WDS, Gateway, Bridge, Wireless ISP
Security	<ul style="list-style-type: none"> WEP: WEP(64/128bit), WPA/ WPA2: TKIP / AES, WPS
Management Features	<ul style="list-style-type: none"> Firmware upgrade via HTTP WAN and LAN side connection statistics Configuration of NAT / NAPT Selection of Bridge or Router Mode PPP user ID and password
Router Features	<ul style="list-style-type: none"> DHCP Server and Client NAPT (Network Address and Port Translation) ICMP (Internet Control Message Protocol) DDNS (Dynamic Domain Name Service)
Ethernet Features	<ul style="list-style-type: none"> Compliant with IEEE 802.3 and 802.3u 10/100 Mbps All Ethernet ports support auto-crossover (MDI/MDI-X)
Power Supply	<ul style="list-style-type: none"> External power adapter DC12V 1A 12V Passive PoE onboard
Environment	<ul style="list-style-type: none"> Operating Temperature: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Operating Humidity: 10%~90% (Non-Condensing)
Dimension	<ul style="list-style-type: none"> 147 * 98 * 30 mm
Certifications	<ul style="list-style-type: none"> FCC, CE

Application



Ordering information

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