

# AC1200

## Wireless Dual Band Router

### Model No. A800R

A800R wireless router complies with the latest IEEE 802.11ac wave2 Wi-Fi standard, delivering up to 300Mbps+ 867Mbps wireless speed, 3x faster than 11N technology. Built-in 1GHz processor provides powerful data handling capacity to improve Wi-Fi transfer efficiency. Meanwhile, simultaneous dual band with middle power design on both bands make wireless connection more flexible and stable, especially over long distance. Generally, A800R is designed for medium-size homes with increasing demand of high speed Wi-Fi network.



### Features

- Complies with the next generation IEEE 802.11ac Wi-Fi standard.
- 867Mbps on 5GHz and 300Mbps on 2.4GHz band for total 1167Mbps simultaneously.
- Middle power design on both bands is perfect for long distance wireless transmission.
- MU-MIMO technology allows data transfer to multiple devices at the same time.
- 1GHz CPU improves Wi-Fi transfer efficiency.
- Supports DHCP, Static IP, PPPoE
- Provides 64/128-bit WEP, WPA, WPA2 and WPA/WPA2 (TKIP+AES) security.
- Connects to secure network easily and fast using WPS.
- QoS: Bandwidth Control based on IP.
- Supports IP, MAC, URL filtering and Port Forwarding.
- Universal Repeater and WDS function for easy Wi-Fi extension.
- Multi-SSID function enables users to create multiple Wi-Fi networks.
- One-page Easy Setup simplifies the basic settings.

## Specifications

Hardware	
<b>Interface</b>	- 4 *100Mbps LAN Ports - 1 *100Mbps WAN Port
<b>Chipset</b>	- RTL8197FN+RTL8812BRH
<b>Flash</b>	- 8M
<b>SDRam</b>	- 64M
<b>Power Supply</b>	- 9V DC / 0.8A
<b>Button</b>	- 1 *RST/WPS Button
<b>LED Indicators</b>	- 1 *Status, 4 *LAN, 1 *WAN
<b>Antenna</b>	- 4 *5dBi fixed antennas, Support MU-MIMO
<b>Dimensions (L x W x H)</b>	- 6.7 x 5.4 x 1.6 in. (170.2 x 138.0 x 40.6 mm)
Wireless	
<b>Standards</b>	- IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g ,IEEE 802.11n
<b>RF Frequency</b>	- 2.4GHz/5GHz
<b>Data Rate</b>	- 2.4GHz: Up to 300Mbps - 5GHz: Up to 867Mbps
<b>EIRP</b>	- 2.4Ghz <= 20dBm
	- 5Ghz <= 23dBm
<b>Wireless Security</b>	- 64/128-bit WEP, WPA, WPA2 and WPA-Mixed
<b>Reception Sensitivity</b>	- 2.4GHz : 11b: -81dbm ; 11g: -70dbm ; 11n: HT20: -65dbm ; HT40: -61dbm ; - 5GHz : 11a: -68dbm ; 11ac: HT20: -65dbm ; HT40: -61dbm ; HT80: -51dbm ;

Software	
<b>Operation Mode</b>	- Wireless ISP Client Router - Repeater(Range Extender) - Router - Bridge with AP
<b>WAN</b>	- DHCP/Static IP/PPPoE/PPTP/L2TP - IPTV Setting - IPv6 Setting
<b>LAN</b>	- DHCP server, Static IP LAN Setting
<b>Wireless Functions</b>	- Multiple SSID, MAC Authentication, Universal Repeater, WDS, WPS - 2 Guest network on 1 band                      - Adjust TX power
<b>Schedule</b>	- Reboot Schedule, Wireless Schedule
<b>Firewall</b>	- MAC Filtering, IP Filtering, Port Filtering, URL Filtering Port Forwarding, DMZ
<b>Management</b>	- QoS, DDNS, WMM, Access Control, Local/Remote Management, DDoS, etc. - Ping command - Tracert routing
<b>VPN</b>	- VPN Passthrough L2TP, PPTP, IPSec                      - VPN Server PPTP, L2TP
<b>Protocol</b>	- IPv4, IPv6, TCP, UDP, ARP, DHCP, NAT
Others	
<b>Package Contents</b>	- A800R Wireless Router *1 - Power Adapter *1 - Ethernet Cable *1 - Quick Installation Guide *1
<b>Environment</b>	- Operating Temperature: 0 C ~ 50 C (32 F ~ 122 F) - Storage Temperature: -40 C ~ 70 C (-40 F ~ 158 F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

Manufacturer : Zioncom (Hong Kong) Technology Limited

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