

# AC1200 Wireless Dual Band Gigabit Router

Model No. A3002RU

A3002RU is a fifth generation Wireless Dual Band Gigabit Router, which complies with the most advanced 802.11ac standard and can deliver Wi-Fi speed up to 1167Mbps. Featured by simultaneous dual-band and four external high gain antennas, it provides stable network connection for Internet access with less interference. Besides, FTP Service and Samba Service supported by the USB2.0 port is very convenient for high speed big file sharing.



## Features

- Complies with IEEE 802.11ac/a/b/g/n standards.
- Delivers 300Mbps data rate on 2.4GHz and 867Mbps on 5GHz simultaneously.
- Advanced MIMO technology ensure greater range and stable connection.
- Supports DHCP, Static IP, PPPoE(dual access), PPTP(dual access), L2TP(dual access) broadband functions.
- Provides 64/128-bit WEP, WPA, WPA2 and WPA/WPA2 security.
- Connects to secure network easily and fast using WPS.
- Multi-SSID allows user to create multiple SSIDs according to their needs.
- Supports VLAN function for IPTV and other internet services.
- Universal repeater and WDS function for easy Wi-Fi extension.
- Supports TR-069 protocol for remote centralized management.
- Supports IP, Port, MAC, URL filtering and Port Forwarding.
- QoS: Bandwidth Control based on IP/MAC.
- The USB 2.0 port supports FTP Service, Samba Service and DLNA Service.
- Easy setup simplifies the basic settings of the router.

### Specifications

Hardware	
<b>Interface</b>	- 4 *1000Mbps LAN Ports - 1 *1000Mbps WAN Port - 1 *USB 2.0 Port
<b>Power Supply</b>	- 12V DC / 2A
<b>Antenna</b>	- 2 *5dBi Fixed Antennas (2.4G),2 *5dBi Fixed Antenna (5G)
<b>Button</b>	- 1 *RST Button, 1* WPS Button, 1* Power On/Off Button
<b>LED Indicators</b>	- 1 *Power, 1 *CPU, 1 *2.4G Wireless, 1 *5G Wireless, 1 *WAN, 4 *LAN, 1*USB
<b>Dimensions (D x H)</b>	- 7.2 x 5.3 x 1.0 in. ( 182.3 x 133.8 x 25.9mm)
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/WPA2
<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

### Specifications

Software	
<b>Operation Mode</b>	<ul style="list-style-type: none"><li>- Wireless ISP Client Router</li><li>- Wireless Client</li><li>- Repeater(Range Extender)</li><li>- Router</li><li>- Bridge with AP</li><li>- Client</li></ul>
<b>Network</b>	<ul style="list-style-type: none"><li>- DHCP/Static IP/PPPoE(Dual access)/PPTP(Dual access) /L2TP(Dual access)</li><li>- VLAN</li></ul>
<b>IPv6 Network</b>	<ul style="list-style-type: none"><li>- WAN Setting, LAN Setting, RADVD for IPv6, IPv6 Tunnel to IPv4</li></ul>
<b>Wireless Functions (2.4GHz &amp; 5GHz)</b>	<ul style="list-style-type: none"><li>- Multiple APs, WDS, WPS, Access Control</li></ul>
<b>Schedule</b>	<ul style="list-style-type: none"><li>- Reboot Schedule, Wireless Schedule</li></ul>
<b>Firewall</b>	<ul style="list-style-type: none"><li>- SPI Firewall, MAC Filtering, IP Filtering, Port Filtering, URL Filtering, Port Forwarding, DMZ, NAT Mapping</li></ul>
<b>USB Share</b>	<ul style="list-style-type: none"><li>- DLNA Service, FTP Server, Samba Server</li></ul>
<b>Management</b>	<ul style="list-style-type: none"><li>- QoS, TR-069 config, DDNS, DoS, SNMP, Notice Setting</li></ul>
Others	
<b>Package Contents</b>	<ul style="list-style-type: none"><li>- A3002RU Wireless Router *1</li><li>- Power Adapter *1</li><li>- Ethernet Cable *1</li><li>- Quick Installation Guide *1</li></ul>
<b>Environment</b>	<ul style="list-style-type: none"><li>- Operating Temperature: 0℃~40℃ (32℉~104℉)</li><li>- Storage Temperature: -40℃~70℃ (-40℉~158℉)</li><li>- Operating Humidity: 10%~90% non-condensing</li><li>- Storage Humidity: 5%~90% non-condensing</li></ul>