

# AC1200

## Wireless Dual Band Gigabit Router

Model No. A3000RU

A3000RU wireless router complies with the latest IEEE 802.11ac wave2 Wi-Fi standard, with MU-MIMO technology offering continual high speed data transmission for multiple devices at the same time. 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, A3000RU 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.
- Five gigabit ports ensure high speed Internet access and wired speed.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP broadband functions.
- 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 address.
- 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 USB port supports Samba Service and DLNA Service.
- Easy setup with auto popup window simplifies the basic settings.

## Specifications

Hardware	
<b>Interface</b>	- 4 *1000Mbps LAN Ports - 1 *1000Mbps WAN Port
<b>Power Supply</b>	- 12V DC / 1.5A
<b>Button</b>	- 1 *RST Button - 1*WPS Button
<b>LED Indicators</b>	- 1 *CPU, 1 *USB, 1 *5G Wireless, 1 *2.4G Wireless, 4 *LAN, 1 *WAN
<b>Antenna</b>	- 2 *5dBi fixed antennas (2.4G),2 *5dBi fixed antennas (5G)
<b>Dimensions (L x W x H)</b>	- 8.2 x 6.2 x 2.6 in.( 210 x 160 x 66mm)
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 < 22dBm
	- 5GHz < 20dBm
<b>Wireless Security</b>	- 64/128-bit WEP, WPA, WPA2 and WPA-Mixed
<b>Reception Sensitivity</b>	- 2.4G: 11b 11M: 20±1.5dBm 11g 54M: 17±1.5dBm 11n HT20: 16±1.5dBm HT40: 16±1.5dBm - 5G: 11a 54M: 18±2dBm 11n HT20 MCS7: 17±2dBm HT40 MCS7: 17±2dBm 11ac VHT80 MCS9: 16±2dBm

Software	
<b>Operation Mode</b>	<ul style="list-style-type: none"><li>- Wireless ISP Client Router</li><li>- Repeater(Range Extender)</li><li>- Router</li><li>- Bridge with AP</li></ul>
<b>WAN Type</b>	<ul style="list-style-type: none"><li>- DHCP/Static IP/PPPoE/PPTP/L2TP</li></ul>
<b>Wireless Functions</b>	<ul style="list-style-type: none"><li>- Multiple SSID, MAC Authentication, Universal Repeater, WDS, WPS</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>- MAC Filtering, IP Filtering, Port Filtering, URL Filtering Port Forwarding, DMZ</li></ul>
<b>Management</b>	<ul style="list-style-type: none"><li>- QoS, DDNS, DoS, WMM, Access Control, etc.</li></ul>
Others	
<b>Package Contents</b>	<ul style="list-style-type: none"><li>-A3000RG 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 C~40 C (32 F~104 F)</li><li>- Storage Temperature: -40 C~70 C (-40 F~158 F)</li><li>- Operating Humidity: 10%~90% non-condensing</li><li>- Storage Humidity: 5%~90% non-condensing</li></ul>