

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	
Interface	- 4 *1000Mbps LAN Ports - 1 *1000Mbps WAN Port
Power Supply	- 12V DC / 1.5A
Button	- 1 *RST Button - 1*WPS Button
LED Indicators	- 1 *CPU, 1 *USB, 1 *5G Wireless, 1 *2.4G Wireless, 4 *LAN, 1 *WAN
Antenna	- 2 *5dBi fixed antennas (2.4G), 2 *5dBi fixed antennas (5G)
Dimensions (L x W x H)	- 8.2 x 6.2 x 2.6 in.(210 x 160 x 66mm)
Wireless	
Standards	- IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g ,IEEE 802.11n
RF Frequency	- 2.4GHz/5GHz
Data Rate	- 2.4GHz: Up to 300Mbps - 5GHz: Up to 867Mbps
EIRP	- 2.4GHz < 22dBm
	- 5GHz < 20dBm
Wireless Security	- 64/128-bit WEP, WPA, WPA2 and WPA-Mixed
Reception Sensitivity	- 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	
Operation Mode	<ul style="list-style-type: none">- Wireless ISP Client Router- Repeater(Range Extender)- Router- Bridge with AP
WAN Type	<ul style="list-style-type: none">- DHCP/Static IP/PPPoE/PPTP/L2TP
Wireless Functions	<ul style="list-style-type: none">- Multiple SSID, MAC Authentication, Universal Repeater, WDS, WPS
Schedule	<ul style="list-style-type: none">- Reboot Schedule, Wireless Schedule
Firewall	<ul style="list-style-type: none">- MAC Filtering, IP Filtering, Port Filtering, URL Filtering Port Forwarding, DMZ
Management	<ul style="list-style-type: none">- QoS, DDNS, DoS, WMM, Access Control, etc.
Others	
Package Contents	<ul style="list-style-type: none">-A3000RG Wireless Router *1- Power Adapter *1- Ethernet Cable *1- Quick Installation Guide *1
Environment	<ul style="list-style-type: none">- Operating Temperature: 0 C~40 C (32 F~104 F)- Storage Temperature: -40 C~70 C (-40 F~158 F)- Operating Humidity: 10%~90% non-condensing- Storage Humidity: 5%~90% non-condensing