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A8000RU

AC4300

Wireless Tri-Band Gigabit Router



Tri-band Wi-Fi



Beamforming+



MU-MIMO



Mobile APP



VPN Server

➤ Overview

AC4000

Wireless Tri-Band Gigabit Router

Model No. **A8000RU**

A8000RU is AC4300 Wireless Tri-band Gigabit Router which complies with the latest IEEE802.11ac Wave 2 standards and delivers wireless speed up to 4266Mbps. MU-MIMO and Beamforming+ technologies ensure a stable wireless connection to the Internet for multiple devices at the same time. 5GHz Wi-Fi provides a blazing-fast, lag-free Wi-Fi experience for gaming, video streaming or surfing. A8000RU is equipped with eight external 5dBi omni-directional antennas and PA+LNA wireless signal amplification module, extending Wi-Fi over larger areas. Meanwhile, it supports the VPN, QoS, IPV6, IPTV etc, giving users the best Wi-Fi experience!



➤ Features

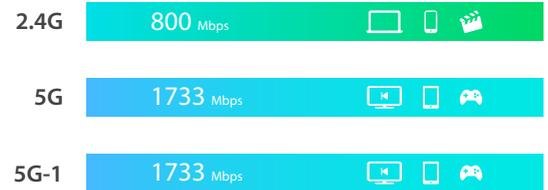
- Tri-Band technology creates three separated Wi-Fi bands for more devices' connections without degrading the Wi-Fi network performance.
- Simultaneous 800Mbps on 2.4GHz, 1733Mbps on 5GHz(1) and 1733Mbps on 5GHz(2), totaling 4266Mbps bandwidth.
- 1.35GHz Dual-Core CPU and three co-processors perform outstanding ability in data-processing without any delay.
- Full gigabit WAN port and LAN ports support large data streaming via cable connection.
- USB3.0 supports to share files based on the functions of FTP, Samba.
- Eight high-gain antennas improve the sensitivity of signal transmission and reception.
- Beamforming technology supports directional signal transmission and reception, reducing interference.
- MU-MIMO technology supports simultaneous communications with multiple devices, reducing network latency.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP Internet connection type.
- QoS: Bandwidth Control based on IP address.
- Supports Multiple SSIDs, WPS and Wireless Scheduler.
- Supports WPA/WPA2 MIX.
- APP Management.



Selling point

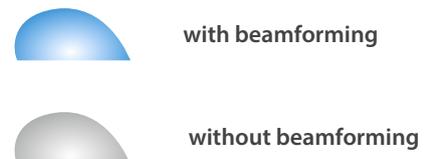
➤ 4300Mbps Super-high Speed Wi-Fi

1733Mbps on 5GHz(1) and 1733Mbps on 5GHz(2), offers super fast Wi-Fi for Gaming, Video and Download. 800Mbps on 2.4GHz, offers wider wireless coverage as well as strong wall-through ability.



➤ Wave2 MU-MIMO and Beamforming technology

With the latest Wave2 MU-MIMO and Beamforming technology, A8000RU supports to communicate with multiple devices at the same time and supports to transmit the signal to the wireless connected devices intensively, such as smart phones, tablets and laptops, thus improving the bandwidth efficiency and the Wi-Fi experience.



➤ Support IPTV

With top-level configurations on hardware, A8000RU supports much powerful applications on firmware. IPTV is one of the most useful features for the users, which brings very good experience on Wi-Fi and Multi-media.



Specification

Hardware

<p>Interface</p> <p>Power Supply Button</p> <p>LED Indicator</p> <p>Antenna</p> <p>Dimensions (L x W x H)</p>	<ul style="list-style-type: none"> - 4 * 1000Mbps LAN Ports - 1 * 1000Mbps WAN Port - 1* Power Port - 1* USB 3.0 Port - 12V DC / 3.5A - 1 * RST Button, 1* WPS Button, 1* Power Button - 1 * SYSTEM LED, 1* WAN LED, 4* LAN LED - 8* external detachable antennas(4* 5G antennas + 4* 2.4G/5G antennas) - 324mm x 203mm x 52.8mm (not concluding antennas)
	 <p>The image shows the rear panel of the router with the following labels:</p> <ul style="list-style-type: none"> 1 * RST Button 1 * WPS Button 2 * 1000Mbps LAN Ports 1 * 1000Mbps WAN Port 1 * USB 3.0 Port Power Supply

Wireless

<p>Standards</p> <p>RF Frequency</p> <p>Data Rate</p> <p>EIRP</p> <p>Wireless Security</p> <p>Reception Sensitivity</p>	<ul style="list-style-type: none"> - IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n - 2.4GHz/5GHz - 2.4GHz: Up to 800Mbps - 5GHz(1) : Up to 1733Mbps - 5GHz(2) : Up to 1733Mbps - 2.4GHz < 20dBm - 5GHz < 20dBm - WPA/WPA2 MIX - 2.4G:11b 11M: -81dBm@8% PER <li style="padding-left: 20px;">11g 54M: -68dBm@10% PER <li style="padding-left: 20px;">11n HT20 MCS7: -65dBm@10% PER HT40 MCS7: -62dBm@10% PER - 5G: 11a 54M: -68dBm@10% PER <li style="padding-left: 20px;">11n HT20 MCS7: -65dBm@10% PER HT40 MCS7: -62dBm@10% PER <li style="padding-left: 20px;">11ac VHT80 MCS9: -51dBm@10% PER
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Specification

Software

Home	- Quick Setup - Basic setup - Advanced setup - QR Code - LED - Logout - Reboot
Network	- WAN Setting - LAN Setting - DDNS Setting - IPTV Setting - IPv6 Setting
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP
Wireless	- Basic setup - Guest Network(Multiple SSID) - Wireless Schedule - Access Control - Advanced setup
Parental Control	- Internet time control based on MAC
QoS	- Up/Down speed control on WAN, Bandwidth control based on IP address
Device management	- Static Route - Routing Table - IP/MAC Binding
Security	- MAC Filtering - IP/Port Filtering - URL Filtering
NAT	- Virtual Server(Port Forwarding) - DMZ - VPN passthrough
VPN Sever	- PPTP VPN, L2TP VPN, Open VPN
Storage	- DLNA, Samba, FTP
Tools	- Upgrade Firmware - Time Setup - Remote management - UPnP - Password Settings - Reboot Schedule - Ping Diagnosis - Route Tracking - System Log and so on

Others

Package Contents	- A8000RU Wireless Router *1 - Power Adapter *1 - Ethernet Cable *1 - Quick Installation Guide *1
Environment	- Operating Temperature: 0℃~50℃ (32℉~122℉) - Storage Temperature: -40℃~70℃ (-40℉~158℉) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

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