



The Smartest Network Device

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AC1200 Wireless Dual Band Gigabit Router

Model No. **A3002RU**



867Mbps+300Mbps
11ac 1167Mbps



Phone UI



Full Gigabit WAN



MU-MIMO Technology

➤ Overview

AC1200

Wireless Dual Band Gigabit Router

Model No. **A3002RU_V2**

A3002RU_V2 is a wireless dual band gigabit router which complies with the latest IEEE802.11ac Wave 2 standards, supporting to connect and communicate with multiple wireless devices at the same time. Equipped with 4 pieces omni-directional antennas, A3002RU_V2 delivers Wi-Fi speed up to 1167Mbps, offering a faster Internet speed and a more stable Internet connection with other wireless devices.

Meanwhile, full gigabit WAN port and LAN ports offer a larger capability for data streaming via cable connection. It is an ideal choice for the homes or offices with a high demand for the Internet access.



➤ Features

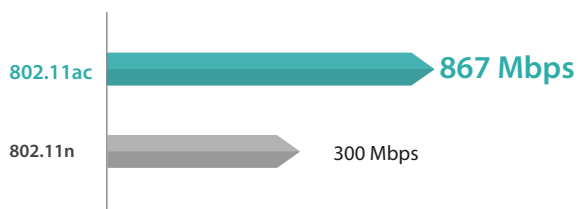
- Complies with the IEEE 802.11ac Wave 2 Wi-Fi standard.
- 1167Mbps in total on dual band, 867Mbps on 5GHz and 300Mbps on 2.4GHz
- MU-MIMO technology allows to transfer data to multiple devices at the same time, each device enjoys high Internet speed separately.
- Beamforming technology allows to intensively transmit the signal to the directions of the other wireless connected terminals, improving the using-efficiency of the bandwidth and reducing the dead spots and the surrounding unnecessary RF interference.
- USB port supports to share your files easily and charge your other devices.
- Full gigabit ports offers a larger capability for data streaming via cable connection.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP connection mode.
- Provides 64/128-bit WEP, WPA, and WPA2 encryption.
- QoS function allows to change the bandwidth for different terminals via IP address.
- Supports IP address filtering, port filtering, MAC filtering, URL filtering and port forwarding.
- Multiple SSIDs allows to create different SSIDs for different groups, better for Internet access management.
- Smart UI design is easy for the users to finish the basic configuration with their cellphones.



Selling point

➤ 1167Mbps Super-fast Speed Wi-Fi

A3002RU_V2 complies with the IEEE802.11ac Wi-Fi standard, working on 2.4GHz and 5GHz simultaneously and delivering speeds up to 1167Mbps.



5GHz
Less Interference
867Mbps

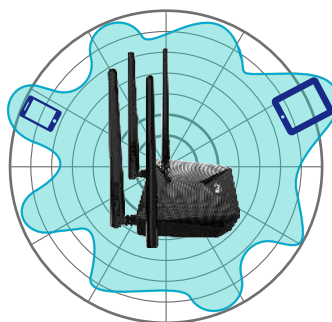


2.4GHz
High Compatibility
300Mbps

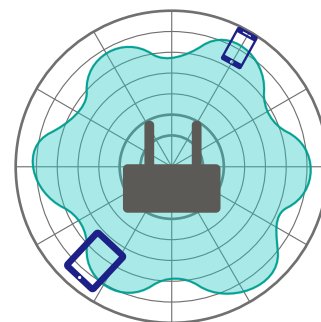


➤ Beamforming Technology for Wi-Fi Focus

The Beamforming technology allows to intensively transmit the signal to the directions of the other wireless connected terminals, such as cellphones, tablets and laptops, thus to improve the using-efficiency of the bandwidth and reduce the dead spots and the surrounding unnecessary RF interference.



A3002RU With Beamforming



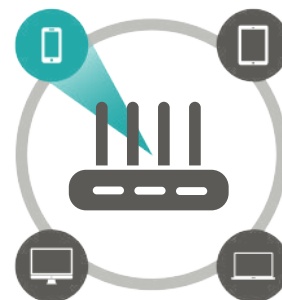
Regular Router

➤ MU-MIMO Technology

Latest MU-MIMO technology supports to connect with multiple devices at the same time and each device enjoys high internet speed separately.



Multi-User MIMO



Single-User MIMO

➤ IPTV Function

IPTV is one of the most useful features in A3002RU_V2, which allows to enjoy online movies at home, greatly improving the users' experience on Multi-media.



Specification

Hardware

Interface	- 4 *1000Mbps LAN Ports
	- 1 *1000Mbps WAN Port
	- USB 2.0 Port
Power Supply	- 12V DC / 2A
Button	- 1 *RST/WPS Button, 1* Power On/Off Button
LED Indicator	- 1 *SYS, 1 *2.4G, 1 *5G, 1 *WAN, 4 *LAN, 1 *USB
Antenna	- 2 * 5dBi detachable antennas (2.4GHz),
	- 2 * 5dBi detachable antennas (5GHz)
Dimensions (L x W x H)	- 21*12*4CM (excluding antennas)

WPS/RST Button

4 * 1000Mbps LAN Ports

1 * 1000Mbps WAN Port

On/Off Button

Power Port

Power Supply

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 < 20dBm
	- 5GHz < 20dBm
Wireless Security	- 64/128-bit WEP, WPA and WPA2
Reception Sensitivity	- 2.4G:11b 11M: -81dBm@8% PER
	11g 54M: -68dBm@10% PER
	11n HT20 MCS7: -65dBm@10% PER HT40 MCS7: -62dBm@10% PER
	- 5G: 11a 54M: -68dBm@10% PER
	11n HT20 MCS7: -65dBm@10% PER HT40 MCS7: -62dBm@10% PER
	11ac VHT80 MCS9: -51dBm@10% PER

Specification

Software

Operation Mode	<ul style="list-style-type: none">- Gateway- AP Mode- WISP Mode- Repeater Mode
WAN Type	<ul style="list-style-type: none">- Static IP, DHCP, PPPoE, PPTP, L2TP
Wireless Functions	<ul style="list-style-type: none">- Multiple SSIDs, MAC Authentication, WPS
Schedule	<ul style="list-style-type: none">- Reboot Schedule, Wireless Schedule
Firewall	<ul style="list-style-type: none">- MAC Filtering, IP/Port Filtering, Virtual Server, URL Filtering, DMZ
Management	<ul style="list-style-type: none">- QoS, DDNS, Access Control, Firmware Upgrade and so on

Others

Package Contents	<ul style="list-style-type: none">- A3002RU_V2 Wireless Router *1- Power Adapter *1- Ethernet Cable *1- Quick Installation Guide *1
Environment	<ul style="list-style-type: none">- Operating Temperature: 0℃~50℃ (32℉~122℉)- Storage Temperature: -40℃~70℃ (-40℉~158℉)- Operating Humidity: 10%~90% non-condensing- Storage Humidity: 5%~95% non-condensing

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