



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

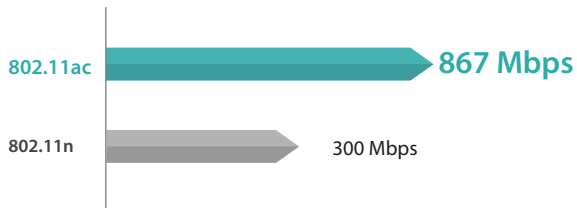


MU-MIMO Technology

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

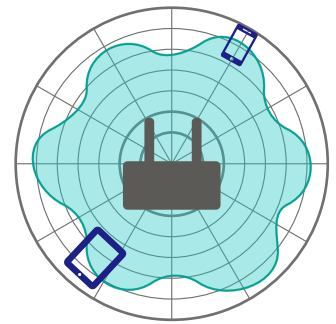


➤ Beamforming Technology for Wi-Fi Focus

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



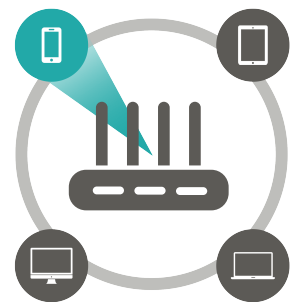
Regular Router

➤ 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

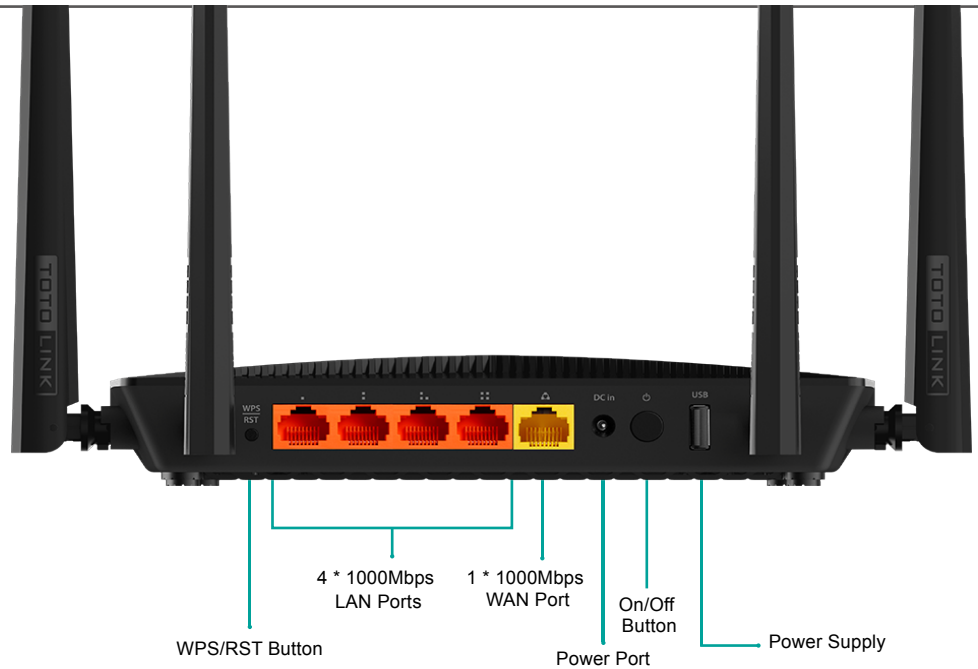
IPTV is one of the most useful features in A3002RU_V2, which allows to enjoy online movies at home, greatly improving the users' experience on Multi-media.



Specification

Hardware

Interface	- 4 *1000Mbps LAN Ports - 1 *1000Mbps WAN Port
Power Supply	- USB 2.0 Port - 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)



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	- Gateway - AP Mode - WISP Mode - Repeater Mode
WAN Type	- Static IP, DHCP, PPPoE, PPTP, L2TP
Wireless Functions	- Multiple SSIDs, MAC Authentication, WPS
Schedule	- Reboot Schedule, Wireless Schedule
Firewall	- MAC Filtering, IP/Port Filtering, Virtual Server, URL Filtering, DMZ
Management	- QoS, DDNS, Access Control, Firmware Upgrade and so on

Others

Package Contents	- A3002RU_V2 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%~95% non-condensing

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