



The Smartest Network Device

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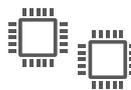


AC2600 Wireless Dual Band Gigabit Router

Model No. **A7100RU**



800Mbps+1733Mbps
11ac 2533Mbps



Dual-Core MIPS Processor



Full Gigabit WAN



MU-MIMO Technology

➤ Overview

AC2600

Wireless Dual Band Gigabit Router

Model No. **A7100RU**

A7100RU applies dual-band technology to create two independent Wi-Fi bands and deliver the wireless speed up to 2533Mbps, which satisfies the different Internet demands from multiple users at the same time, such as website reading, mailing, streaming media and gaming. Six internal high-performance antennas and the beamforming technology helps to position the wireless devices to make a more powerful, reliable and stable wireless connection. Meanwhile, the gigabit WAN port enables a super-high speed connection to the Internet, which would help to show the best performance of the PC and Smart TV via cable connection with A7100RU.



➤ Features

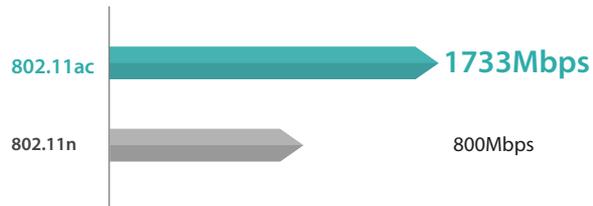
- Complies with the IEEE 802.11ac Wave2 Wi-Fi standard.
- Simultaneous 1733Mbps on 5GHz and 800Mbps on 2.4GHz for a total of 2533Mbps.
- MU-MIMO technology allows to transfer data to multiple devices at the same time.
- Beamforming technology improves directional signal transmission or reception, and reduces interferences.
- Full Gigabit ports ensure high-speed Internet access and wired speed.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP broadband functions.
- Supports WPA/WPA2 MIX.
- Connects to a secure network easily and fast using WPS.
- QoS: Bandwidth Control based on IP address.
- Supports IP/Port filtering, MAC filtering, 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.
- Easy setup with smartphone UI simplifies the basic settings.
- APP Management



Selling point

➤ 2533Mbps Super Speed Wi-Fi

A7100RU complies with the IEEE802.11ac Wave2 Wi-Fi standard. It works on 2.4G and 5G simultaneously and delivers speeds up to 2533Mbps.



5GHz
Less Interference
1733Mbps

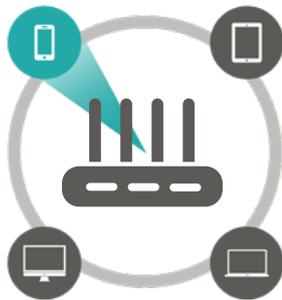


2.4GHz
High Compatibility
800Mbps



➤ MU-MIMO Technology

MU-MIMO capable—Go faster by streaming simultaneously to multiple devices, ensuring a stable Wi-Fi connection to the Internet and keeping it consistently connected.



Single-User MIMO



Multi-User MIMO

➤ Support IPTV

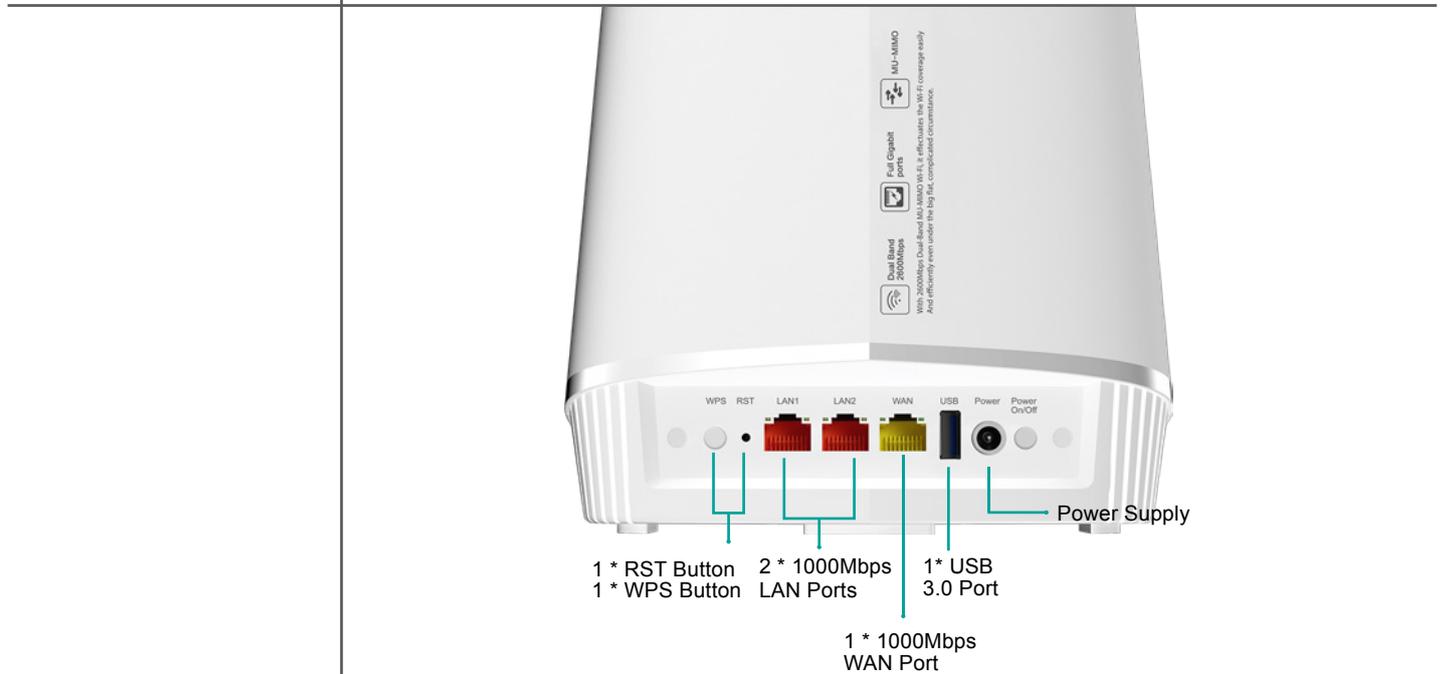
With top-level configurations on hardware, A7100RU supports much powerful applications on firmware. IPTV is one of the most useful features for the users, which brings very good experience on Wi-Fi and Multi-media.



Specification

Hardware

Interface	- 2 * 1000Mbps LAN Ports - 1 * 1000Mbps WAN Port
Power Supply Button	- 12V DC / 2A - 1 * RST Button - 1 * WPS Button
LED Indicator	- 1 * SYSTEM LED
Antenna	- 6 * internal antennas (2.4G/5G)
Dimensions (L x W x H)	- 180mm x 120mm x 256mm - 7.0" x 4.7" x 10.1"



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 800Mbps - 5GHz: Up to 1733Mbps
EIRP	- 2.4GHz < 20dBm - 5GHz < 20dBm
Wireless Security	- WPA/WPA2 MIX
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

WAN Type	- DHCP, Static IP, PPPoE, PPTP, L2TP
Home Network	- Quick Setup, Basic, Advanced, LED, Logout, Reboot
Wireless	- IP/MAC Binding, DDNS, IPTV, IPv6
Parental Control	- Multiple SSID, Wireless Schedule, Access Control, WPS
QoS	- Internet time control based on MAC
Security	- Up/Down speed control on WAN, Bandwidth control based on IP address
NAT	- MAC Filtering, IP/Port Filtering, URL Filtering
VPN Sever	- Port Forwarding, DMZ, VPN passthrough
Storage	- PPTP VPN, L2TP VPN, Open VPN
Tools	- DLNA, Samba
	- Change password, Time setup, Remote manageme, UPnP, Schedule, System, Upgrade Firmware, Ping Diagnosis, Route Tracking, System Log

Others

Package Contents	- A7100RU 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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