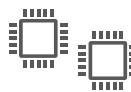# TOTO LINK

The Smartest Network Device

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.
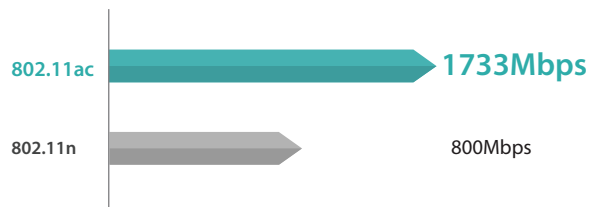
➤ Features

- 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.
- USB3.0 supports to share files based on the functions of FTP, Samba.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP broadband functions.
- Provides WPA/WPA2 mixed security.
- 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.
- 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.

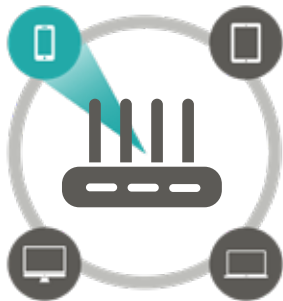|	
802.11ac	**1733Mbps**
802.11n	800Mbps

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.
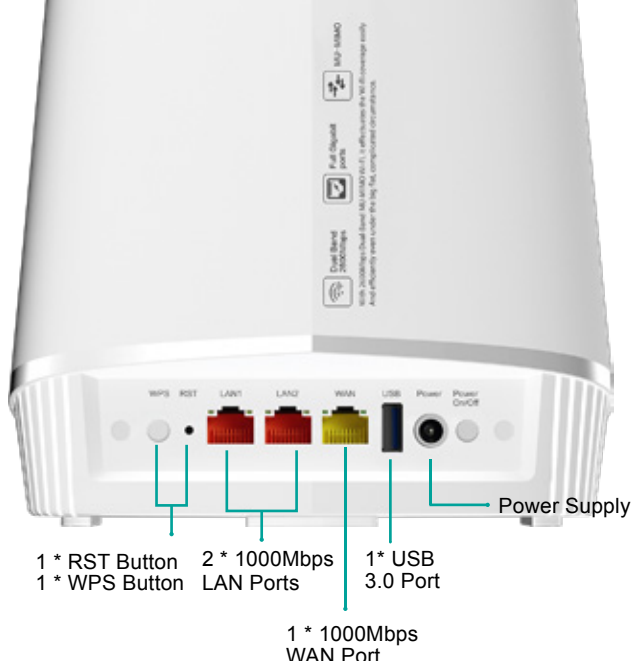
Single-User MIMO

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.

Wi-Fi

IPTV

Specification

Hardware

Interface	- 2 * 1000Mbps LAN Ports
	- 1 * 1000Mbps WAN Port
	- 1 * USB3.0 Port
Power Supply	- 12VDC/2A
Button	- 1 * RST Button
	- 1 * WPS Button
	- 1 * Power On/Off Button
LED Indicator	- 1 * SYSTEM LED
Antenna	- 6 * internal antennas (2.4G/5G)
Dimensions (L x W x H)	- 180 x 120 x 256mm

Power Supply

1 * RST Button
1 * WPS Button

2 * 1000Mbps
LAN Ports

1 * USB
3.0 Port

1 * 1000Mbps
WAN Port

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 Mixed
Reception Sensitivity	- 2.4G: 11b 11M： - 81dBm@8% PER

- 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

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 Router - 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
	- Password Settings - Reboot Schedule - System Log and so on

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

ZIONCOM (HK) TECHNOLOGY LIMITED

A7100RU

AC2600
Wireless Dual Band Gigabit Router