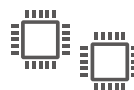# TOTO LINK

The Smartest Network Device

AC2600
Wireless Dual Band
Gigabit Router

Model No. **A7000R**

800Mbps+1732Mbps
11ac 2600Mbps

Dual-Core MIPS Processor

Eight Antennas

MU-MIMO Technology

➤ Overview

AC2600
Wireless Dual Band Router

Model No. A7000R

A7000R wireless router complies with the latest IEEE802.11ac Wave 2 standard. It delivers speeds up to 2533Mbps. MU-MIMO and Beamforming+ technologies ensure a stable wireless connection to the Internet for multiple devices at the same time. The dual bands being utilized simultaneously are 2.4GHz and 5GHz. 2.4GHz offers high compatibility with wireless devices while 5GHz reduces interferences. Full Gigabit WAN and LAN ports provide ultrafast data rate, meeting the needs of fiber access. Plus eight high-gain external omni-directional antennas extend wireless coverage and enhance signal stability, ideal for houses of large sizes and villas. Moreover, A7000R supports SD-WAN (Remote Access) function, which can realize remote data transmission and telecommuting.
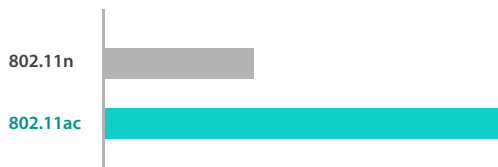
➤ Features

- Supports SD-WAN function to realize remote data transmission and telecommuting.
- Complies with the IEEE 802.11ac Wave2 Wi-Fi standard.
- Simultaneous 1733Mbps on 5GHz and 800Mbps on 2.4GHz for a total of 2533Mbps.
- Middle power design on both bands is perfect for long-distance wireless transmission.
- 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.
- Five Gigabit ports ensure high-speed Internet access and wired speed.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP broadband functions.
- Provides 64/128-bit WEP, WPA, and WPA2.
- 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.
- Supports IPTV and other internet services.
- Easy setup with APP and quick installation PC UI.

Selling point

▶ 2033Mbps Super-fast Speed Wi-Fi

A7000R complies with the IEEE802.11ac Wave2 Wi-Fi standard. It works on 2.4G and 5G simultaneously and delivers speeds up to 2533Mbps.
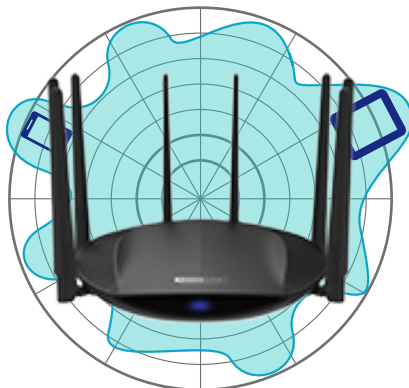
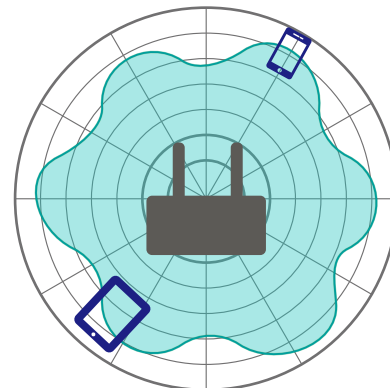802.11n

802.11ac

5GHz
1733Mbps

2.4GHz
300Mbps

▶ Beamforming Technology for Wi-Fi Focus

The Beamforming technology allows to transmit radio signal in the direction of the connected smartphones, tablets, and laptops, thus extending Wi-Fi coverage and reducing dead spots and unnecessary RF interference.

A7000R With Beamforming

Regular Router

▶ Eight External Antennas, Get Coverage Everywhere

With eight external omni-directional antennas, dual band, medium-power, and concurrent eight-stream (8 x 8) wireless architecture, it offers superior wireless performance and expands wireless coverage over larger areas.

Specification

Hardware

Interface	- 4 * 1000Mbps LAN Ports
	- 1 * 1000Mbps WAN Port
Power Supply	- 12 VDC / 1.5A
Button	- 1 * RST/WPS Button
LED	- 1 * SYSTEM LED
Antenna	- 4 * 5dBi fixed antennas (2.4G),
	4 * 5dBi fixed antennas (5G)
Dimensions (L x W x H)	- 273.5 x 182 x 60.5mm (not including antennas)

1 * RST/WPS Button

4 * 1000Mbps LAN Ports

Power Supply

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 1732Mbps
EIRP	- 2.4GHz < 20dBm
	- 5GHz < 20dBm
Wireless Security	- WPA/WPA2 Mixed
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 Mode - Repeater Mode
	- AP Mode - WISP Mode
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)
Parental Control	- Wireless Schedule - Access Control - Advanced setup
QoS	- Internet time control based on MAC
Device management	- Up/Down speed control on WAN, Bandwidth control based on IP address
Security	- Static Route - Routing Table - IP/MAC Binding
NAT	- MAC Filtering - IP/Port Filtering - URL Filtering
	- Virtual Server(Port Forwarding) - DMZ
Remote Networking	- VPN passthrough
Tools	- SD-WAN - VPN Server
	- Upgrade Firmware - Time Setup - Remote management
	- Password Settings - Reboot Schedule
	- System Log and so on

Others

Package Contents	- A7000R 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

A6000R   AC2100 Wireless Dual Band Gigabit Router