

TOTO LINK

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The Smartest Network Device



A6000R

AC2100
Wireless Dual Band Gigabit Router



APP



IPTV



MU-MIMO



Parental Control

➤ Overview

AC2100

Wireless Dual Band Router

Model No. **A6000R**

A6000R delivers super-fast dual-band Wi-Fi with speeds of up to 1733 Mbps on the 5 GHz band and 300 Mbps on the 2.4 GHz band. MU-MIMO and Beamforming+ technologies ensure a stable wireless connection to the Internet for multiple devices at the same time. Exceptional wireless performance enables online gaming and HD video streaming at the same time, while large files can be shared with multiple devices. All that is ideal for houses of large sizes and villas.



➤ Features

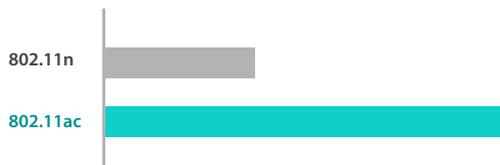
- Complies with the IEEE 802.11ac Wave 2 Wi-Fi standard.
- 2033Mbps in total on dual band, 1733Mbps on 5GHz and 300Mbps on 2.4GHz
- MU-MIMO serves multiple devices at once, reducing wait time and increasing Wi-Fi throughput.
- Beamforming technology delivers highly efficient wireless connection.
- Full 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 and Phone APP design is easy for the users to finish the basic configuration with their cellphones.



Selling point

2033Mbps Super-fast Speed Wi-Fi

A6000R complies with the IEEE802.11ac Wave2 Wi-Fi standard. It works on 2.4G and 5G simultaneously and delivers speeds up to 1733 Mbps on the 5 GHz band and 300 Mbps on the 2.4 GHz band for total 2033Mbps.



5GHz
1733Mbps

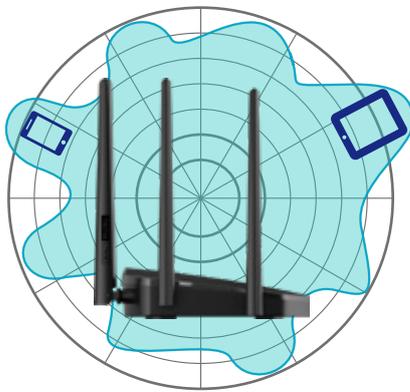


2.4GHz
300Mbps

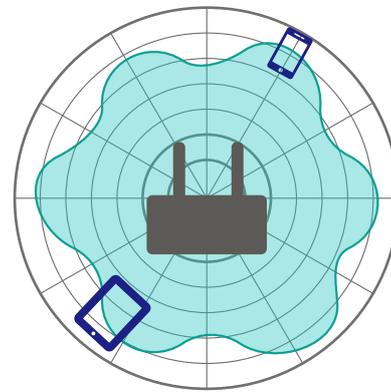


Beamforming Technology for Wi-Fi Focus

Beamforming technology allows to intensively transmit the signal to the wireless connected devices, such as cellphones, tablets and laptops, thus improving the wireless transmitting efficiency and Wi-Fi experience for the users.



A6000R 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.



Specification

Hardware

Interface	- 4 *1000Mbps LAN Ports - 1 *1000Mbps WAN Port
Power Supply	- 12VDC / 1A
Button	- 1 *RST/WPS Button
LED Indicator	- 1 *SYS 1 *WAN 4 *LAN
Antenna	- 2 * 5dBi detachable antennas (2.4GHz), - 2 * 5dBi detachable antennas (5GHz)
Dimensions (L x W x H)	- 230 X 147 X 41mm (not including antennas)

1 *RST/WPS Button 4 * LAN 1 * WAN DCIN

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 1733Mbps
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	- Router Mode	- Repeater Mode	- AP Mode	- WISP Mode
Home	- Easy setup	- Basic setup	- Advanced setup	- QR Code
	- LED	- Logout	- Reboot	
Network	- WAN Setting	- LAN Setting	- IPTV Setting	- DHCP&ARP Tables
	- Static Route	- Routing Table	- IPv6 Network	- DDNS
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP			
Wireless	- Basic Settings	- Advanced Settings	- Access Control	
	- WDS Settings	- WPS Settings	- Wireless Schedule	
	- Guest Network(Multiple SSID)			
Parental Controls	- Internet time control based on MAC	- URL Restrictions		
QoS	- Up/Down speed control on WAN, Bandwidth control based on IP address			
Firewall	- MAC Filtering	- IP/Port Filtering	- URL Filtering	
NAT Mapping	- Virtual Server(Port Forwarding)	- DMZ	- VPN passthrough	
System	- Upgrade Firmware	- Time Zone Settings	- TR-069 Config	
	- Password Settings	- Reboot Schedule	- System Log and so on	

Others

Package Contents	- A6000R 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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