



The Smartest Network Device

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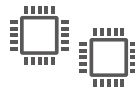


AC2600 Wireless Dual Band Gigabit Router

Model No. **A7000R**



800Mbps+1732Mbps
11ac 2600Mbps



Dual-Core MIPS Processor



Eight Antennas



MU-MIMO Technology

➤ Overview

AC2600

Wireless Dual Band Gigabit Router

Model No. **A7000R**

A7000R wireless router complies with the latest IEEE 802.11ac Wave2 Wi-Fi standard, with MU-MIMO technology offering continual high-speed data transmission for multiple devices at the same time.

Built-in dual-core processor provides powerful data handling capacity to improve Wi-Fi transfer efficiency.

Meanwhile, simultaneous dual band with middle power design on both bands makes wireless connection more flexible and stable, especially over long distance.

Generally, A7000R is designed for medium-size homes with increasing demand for high-speed Wi-Fi network.



➤ Features

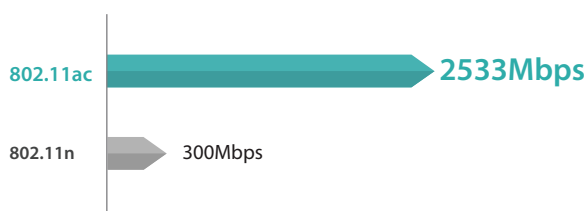
- Complies with the next generation IEEE 802.11ac Wi-Fi standard.
- Simultaneous 1732Mbps on 5GHz and 800Mbps on 2.4GHz for a total of 2532Mbps.
- Middle power design on both bands is perfect for long-distance wireless transmission.
- MU-MIMO technology allows to transfer data to multiple devices at the same time.
- 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 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 auto-popup simplifies the basic settings.



Selling point

➤ 2.6Gbps Fast Wi-Fi Speed

Adapting the next generation IEEE 802.11 ac standard, A7000R delivers wireless speeds up to 2532Mbps, optimized for Internet activities requiring high bandwidth, such as HD videos and online gaming.



➤ Simultaneous Dual Band

2.4GHz and 5GHz bands working concurrently make two separated Wi-Fi networks available for you to choose, of which the 2.4GHz Wi-Fi shows high compatibility and 5GHz band reduces interference, perfect for lag-free games and large-file downloading.

5GHz
Less Interference
1.733Gbps

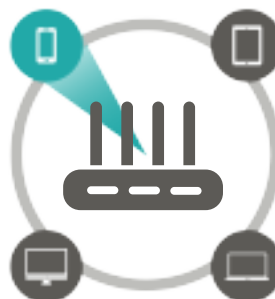


2.4GHz
High Compatibility
800Mbps



➤ MU-MIMO Technology

Coupled with a MU-MIMO network adapter, the latest 802.11ac Wave2 technology with Multi-User MIMO allows several users to connect at the same time to share 3x faster Wi-Fi than standard AC routers.



Single-User MIMO



Multi-User MIMO

➤ Wide Wi-Fi Coverage

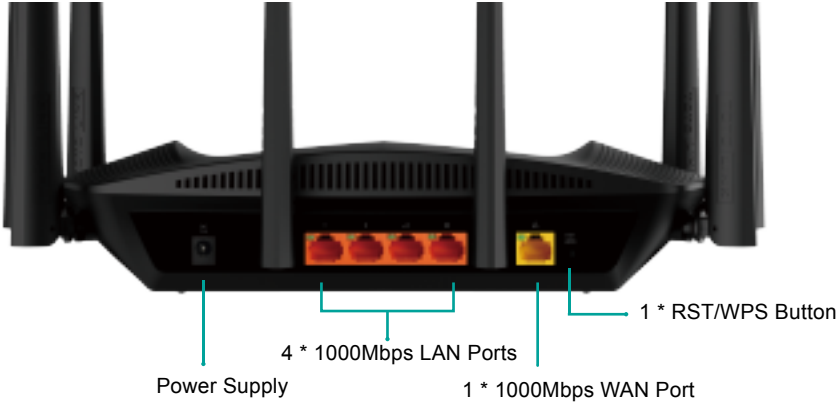
Middle power design on both bands ensures stable Wi-Fi connection over long distance and extends wireless range to reduce dead spots.



Specification

Hardware

Interface	- 4 * 1000Mbps LAN Ports
Power Supply	- 1 * 1000Mbps WAN Port
Button	- 12 VDC / 1.5A
LED Indicator	- 1 * RST/WPS Button
Antenna	- 1 * SYSTEM LED
Dimensions (L x W x H)	- 4 * 5dBi fixed antennas (2.4G), 4 * 5dBi fixed antennas (5G)
	- 273.5*182*60.5MM

	
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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 < 22dBm
	- 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	<ul style="list-style-type: none">- Wireless ISP Client Router- Repeater (Range Extender)- Router- Bridge with AP
WAN Type	<ul style="list-style-type: none">- DHCP/Static IP/PPPoE/PPTP/L2TP
Wireless Functions	<ul style="list-style-type: none">- Multiple SSIDs, MAC Authentication, Universal Repeater, WDS, WPS
Schedule	<ul style="list-style-type: none">- Reboot Schedule, Wireless Schedule
Firewall Management	<ul style="list-style-type: none">- MAC Filtering, IP Filtering, Port Filtering, URL Filtering Port Forwarding, DMZ- QoS, DDNS, DoS, WMM, Access Control, and more.

Others

Package Contents	<ul style="list-style-type: none">- A7000R Wireless Router *1- Power Adapter *1- Ethernet Cable *1- Quick Installation Guide *1
Environment	<ul style="list-style-type: none">- 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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A7000R AC2600
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