TOTO LINK
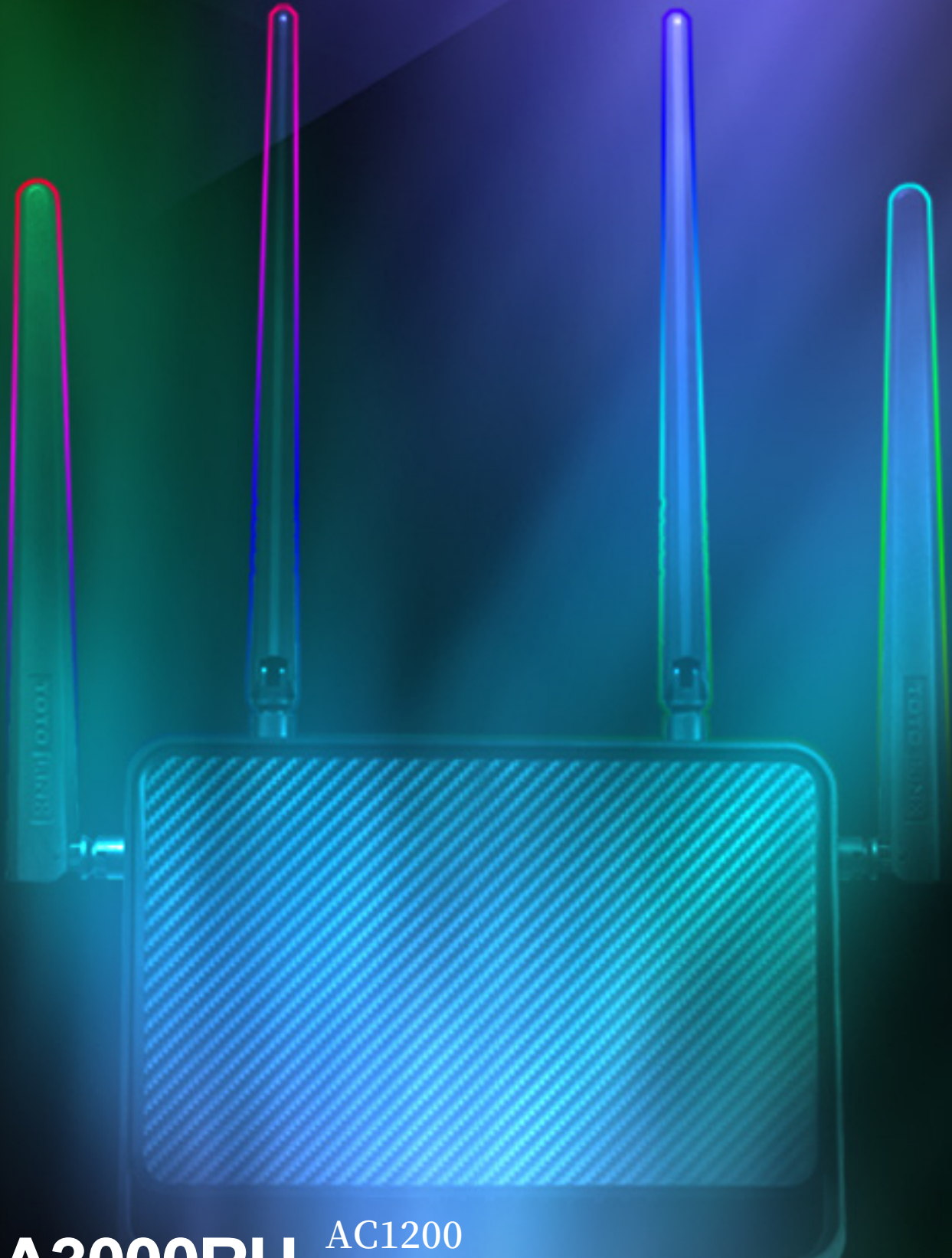
The Smartest Network Device

A3000RU

AC1200
Wireless Dual Band Gigabit Router

Dual Band

Phone UI

4 High Gain Antennas

MU-MIMO

➤ Overview

AC1200
Wireless Dual Band Gigabit Router

Model No. **A3000RU**

A3000RU 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 1GHz processor provides powerful data handling capacity to improve Wi-Fi transfer efficiency. Meanwhile, simultaneous dual band with middle power design on both bands make wireless connection more flexible and stable, especially over long distance. Generally, A3000RU is designed for medium-size homes with increasing demand of high speed Wi-Fi network.
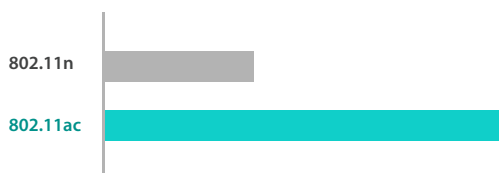
➤ Features

- Complies with the next generation IEEE 802.11ac Wi-Fi standard.

- 867Mbps on 5GHz and 300Mbps on 2.4GHz band for total 1167Mbps simultaneously.

- Middle power design on both bands is perfect for long distance wireless transmission.

- MU-MIMO technology allows data transfer 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, WPA2 and WPA/WPA2 (TKIP+AES) security.

- Connects to secure network easily and fast using WPS.

- QoS: Bandwidth Control based on IP address.

- Supports IP, MAC, 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.

- one USB port supports Samba and DLAN Service.

- Supports IPTV and other internet services.

- Easy setup with smartphone UI simplifies the basic settings.

Selling point

1.2Gbps Fast Wi-Fi Speed

Adapting the next generation IEEE 802.11ac standard, A3000RU delivers wireless speed up to 1167Mbps, optimized for Internet activities requiring high bandwidth, such as HD videos and online gaming.

802.11n

802.11ac

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
867Mbps

2.4GHz
300Mbps

MU-MIMO Technology

Coupled with a MU-MIMO adapter, the latest 802.11ac wave2 technology with Multi-User MIMO allows several users connect at the same time to share 3X faster Wi-Fi than standard AC routers.

Single-User MIMO
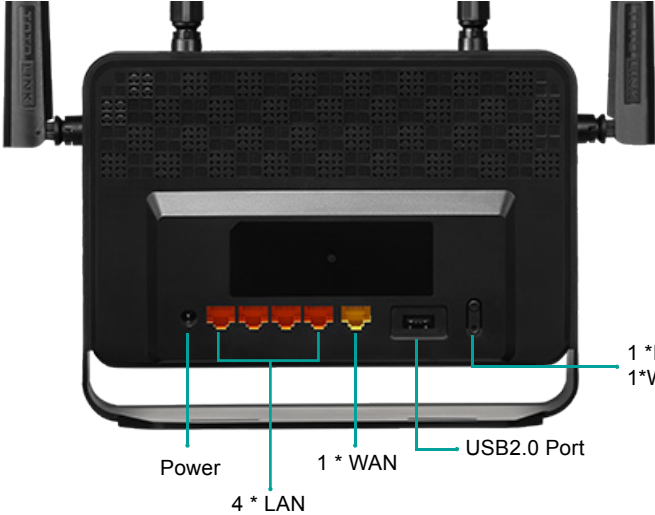
Multi-User MIMO

Wider Wi-Fi Coverage

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

Specification

Hardware

Interface	- 4 *1000Mbps LAN Ports
	- 1 *1000Mbps WAN Port
	- 1 * USB2.0 Port
Power Supply	- 12VDC/1.5A
Button	- 1 *RST Button
	- 1*WPS Button
LED Indicators	- 1 *CPU, 1 *USB, 1 *5G Wireless, 1 *2.4G Wireless, 4 *LAN, 1 *WAN
Antenna	- 2 *5dBi fixed antennas (2.4G),
	2 *5dBi fixed antennas (5G)
Dimensions (L x W x H)	- 210 x 160 x 66mm (not including antennas)

Power
4 * LAN
1 * WAN
USB2.0 Port
1 *RST Button
1*WPS Button

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 867Mbps
EIRP	- 2.4GHz < 22dBm
	- 5GHz < 20dBm
Wireless Security	- 64/128-bit WEP, WPA, WPA2 and WPA-Mixed
Reception Sensitivity	- 2.4G: 11b 11M: 20±1.5dBm
	11g 54M: 17±1.5dBm
	11n HT20: 16±1.5dBm
	HT40: 16±1.5dBm
	- 5G: 11a 54M: 18±2dBm
	11n HT20 MCS7: 17±2dBm
	HT40 MCS7: 17±2dBm
	11ac VHT80 MCS9: 16±2dBm

Specification

Software

Operation Mode	- Gateway Mode - Bridge Mode
	- Repeater Mode - WISP Mode
Network	- Static DHCP Setting, IPTV, IPV6
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP
Wireless Functions	- Multiple SSID - MAC Authentication
	- WDS - WPS
Schedule	- Reboot Schedule
	- Wireless Schedule
QoS	- QoS Setup - Connect Limit Control
Firewall	- MAC Filtering - IP Filtering - Port Filtering,
	- URL Filtering Port Forwarding - DMZ
USB	- Samba - DLAN Service
Management	- Administrator Setting - Time Setting - DDNS
	- Remote Management - UPnP - Upgrade Firmware
	- System Configuration - System Log, and more

Others

Package Contents	- A3000RU 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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