



AC1200 Wireless Dual Band Gigabit Router

A3002R_V4 is a wireless dual band gigabit router which complies with the latest IEEE802.11ac Wave 2 standards, supporting to connect and communicate with multiple wireless devices at the same time.



A3002R_V4



Full Gigabit Ports



Dual-Band Wi-Fi



EasyMesh Wi-Fi System



Phone UI/APP



IPTV Function



IPv6

Overview

A3002R_V4 is a wireless dual band gigabit router which complies with the latest IEEE802.11ac Wave 2 standards, supporting to connect and communicate with multiple wireless devices at the same time. Equipped with 4 pieces omni-directional antennas, A3002R_V4 delivers Wi-Fi speed up to 1167Mbps, offering a faster Internet speed and a more stable Internet connection with other wireless devices. Meanwhile, full gigabit WAN port and LAN ports offer a larger capability for data streaming via cable connection. It is an ideal choice for the homes or offices with a high demand for the Internet access.

Features

- Complies with the IEEE 802.11ac Wave 2 Wi-Fi standard.
- 1167Mbps in total on dual band, 867Mbps on 5GHz and 300Mbps on 2.4GHz
- MU-MIMO technology allows to transfer data to multiple devices at the same time, each device enjoys high Internet speed separately.
- QoS function allows to change the bandwidth for different terminals via IP address.
- Beamforming technology allows to intensively transmit the signal to the directions of the other wireless connected terminals, improving the using-efficiency of the bandwidth and reducing the dead spots and the surrounding unnecessary RF interference.
- Full gigabit ports offers a larger capability for data streaming via cable connection.
- Band Steering for full playing to the advantage of multi-band and improving the user's experience.
- Adaptive WAN/LAN Ports for no need to differentiate between WAN and LAN port.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP connection mode.
- Provides WPA/WPA2 mixed security.
- Supports IP address filtering, port filtering, MAC filtering, URL filtering and port forwarding.
- Guest network allows to create different SSIDs for different groups, better for Internet access management.
- Easy Mesh function for easy Wi-Fi extension and seamless roaming.
- Easy setup and management with phone UI and TOTOLINK Router APP.

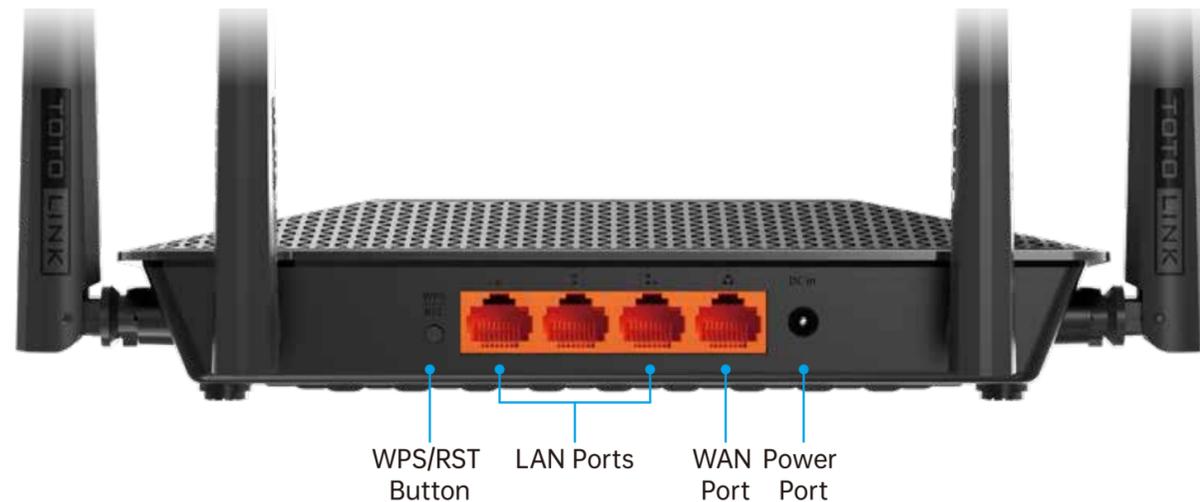
Highlights



5GHz
1201Mbps



2.4GHz
300Mbps



1167Mbps Super-fast Speed Wi-Fi

A3002R_V4 complies with the latest IEEE802.11ac Wi-Fi standard, working on 2.4GHz and 5GHz simultaneously and delivering speeds up to 1167Mbps.

IPTV Function

IPTV is one of the most useful features in A3002R_V4, which allows to enjoy online movies at home, greatly improving the users' experience on Multi-media.

Gigabit WAN and LAN Ports

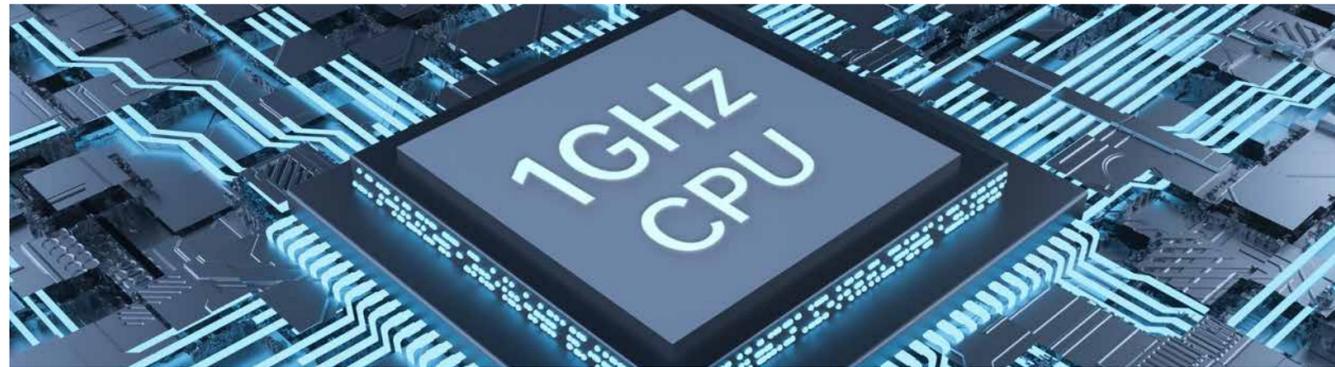
One Gigabit WAN and three Gigabit LAN ports offer a larger capability for data streaming via cable connection, delivering a super-fast Internet speed and offering Internet experience as connecting with a high-speed fiber, ideal for users subscribing a bandwidth of 200Mbps or above.

Easy Mesh, Seamless roaming throughout the house

EasyMesh is a simple way to form a Mesh network with a single Wi-Fi name for seamless whole-home coverage. When you move at home, the device will automatically switch between A3002R_V4 to achieve seamless roaming.



Highlights



Built-in 1GHz CPU, High Wi-Fi Transmission Performance

The built-in 1GHz CPU is a high-performance processor which processes data faster than the common, improving the wireless transmission performance greatly and extending the wireless coverage.



Traditional Router

Stream data to one device at a time



A3002R_V4

Stream data to multiple devices simultaneously

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.

Four External Antennas, Wide Wi-Fi Coverage

Equipped four external omni-directional antennas, A3002R_V4 offers a higher wireless performance and expands wireless signal to a wider coverage.

Beamforming Technology for Wi-Fi Focus

The Beamforming technology allows to intensively transmit the signal to the directions of the other wireless connected terminals, such as cellphones, tablets and laptops, thus to improve the using-efficiency of the bandwidth and reduce the dead spots and the surrounding unnecessary RF interference.



Specifications

Hardware	
Interface	- 3 *1000Mbps Adaptive LAN Ports - 1 *1000Mbps Adaptive WAN Port
Power Supply	- 9VDC/0.8A
Button	- 1 *RST/WPS Button
LED Indicator	- 1 *SYS, 1 *2.4G, 1 *5G, 1 *WAN, 3 *LAN , 1 *MESH Blue
Antenna	- 2 * 2.4GHz fixed antennas(5dBi) - 2 * 5GHz fixed antennas(5dBi)
Dimensions (L x W x H)	- 206*121*41mm (excluding antennas)



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 < 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
Software	
Firewall	- MAC Filtering - IP/Port Filtering - Virtual Server(Port Forwarding) - URL Filtering - DMZ

Specifications

Software	
Operation Mode	- Gateway Mode - Repeater Mode
Status	- WAN - Wireless - LAN - System Information
Network	- WAN Setting - LAN Setting - IPTV Setting - DHCP&ARP Tables - Static Route - Routing Table
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP
IPv6 Protocol	- DHCP/Static IP/PPPoE
Wireless	- Basic Settings - Guest network - Schedule - Access Control - Advanced
QoS	- Up/Down speed control on WAN, Bandwidth control based on IP address
System	- Upgrade Firmware - Save/Reload Settings - Time Zone Settings - DDNS - Denial-of-Service - TR-069 Config - Password Settings - Reboot Schedule - System Log - Statistics - Run Command - Logout

Others	
Package Contents	- A3002R_V4 Wireless Router * 1 - Power Adapter * 1 - Ethernet Cable * 1 - Quick Installation Guide * 1
Environment	- Operating Temperature: 0°C~40°C (32°F ~104°F) - Storage Temperature: -40°C~70 °C (-40 °F~158°F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing

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