

AC1200 Wireless Dual Band Gigabit Router

Model No.: A3300R

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Appearance



Overview

A3300R 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, A3300R 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. Besides, TR069, which has excellent supervision and testing functions, is used for remote centralized management of gateway, router, set-top box and other devices in the home network from the network side. Moreover, MU-MIMO and Beamforming contribute to improve efficiency greatly. It is an ideal choice for the homes or offices with a high demand for the Internet access.

1167Mbps Super-fast Speed Wi-Fi

A3300R complies with the IEEE802.11ac Wi-Fi standard, working on 2.4GHz and 5GHz simultaneously and delivering speeds up to 1167Mbps.

Four External Antennas, Wide Wi-Fi Coverage

Equipped four external omni-directional antennas, A3300R offers a higher wireless performance and expands wireless signal to a wider coverage.

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.

Multiple Modes for Various Scenarios

A3300R provides several working modes, such as “Gateway Mode”, “AP Mode”, “WISP Mode”, “Repeater Mode”, selectable for the different scenarios. Users could choose the suitable working mode as per their current environments and the demands.

1GHz Dual-Core CPU for Powerful Processing

Equipped with 1GHz dual-Core powerful processor, A3300R handles demands of multiple users accessing your network simultaneously, ensuring everyone in your home is possible to surf the internet constantly at the same time.

MU-MIMO Technology

Latest MU-MIMO 2x2 technology supports to connect with multiple devices at the same time and each device enjoys high internet speed separately.

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.

IPTV Function

IPTV is one of the most useful features in A3300R, which allows to enjoy online movies at home, greatly improving the users' experience on Multi-media.

Support IPv6

Contrasting with other traditional routers, A3300R has an advantage on its IPv6(PPPoE/DHCP/Static IP). A router supports IPv6 would be more compatible with the future Internet access.

Quick Setup by Using Phone UI & APP

You can setup your router in minutes by using the specific phone UI or TOTOLINK Router App. The App allows you to manage network settings from any Android or iOS device.

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
- 1GHz Dual-Core CPU for Powerful Processing
- MU-MIMO 2x2 technology allows to transfer data to multiple devices at the same time, each device enjoys high Internet speed separately.
- 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.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP connection mode.
- Provides WPA/WPA2 mixed security.
- QoS function allows to change the bandwidth for different terminals via IP address.
- WMM features gives priorities to bandwidth-intensive applications like HD streaming and gaming.
- Supports IP address filtering, port filtering, MAC filtering, URL filtering and port forwarding.
- Guest network allows to create 3 different SSIDs for 1 band, better for Internet access management.
- Easy setup and management with phone UI and TOTOLINK Router APP.
- Support band steering auto connect best wifi for device to use higher speed and stable wifi.
- TR069 for ISP Easy to remote management.

Specifications

Hardware	
Chipset	- CPU SF19A2890 1Ghz dualcore
Flash	- Default 8MB
SDRAM	- Default 128MB
Chip WiFi	- 2.4Ghz and 5Ghz buil in CPU
Interface	- 3 *1000Mbps Adaptive LAN Ports - 1 *1000Mbps Adaptive WAN Port
Power Supply	- 12VDC/1A
Button	- 1 *RST/WPS Button
LED Indicator	- 1 *SYS, 1 *2.4G, 1 *5G, 1 *WAN, 3 *LAN
Antenna	- 2 * 2.4GHz fixed antennas(5dBi) - 2 * 5GHz fixed antennas(5dBi)
Dimensions (L x W x H)	- 21*12*4CM (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
MIMO & MU-MIMO Technology	- 2.4Ghz support MIMO 2x2 - 5Ghz support MU-MIMO 2x2
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	
Home	- Quick Setup - Basic setup - Advanced setup - Operation Mode
Basic	- Internet Settings - Wireless Settings - Parental Control - Guest Network Settings - Smart QoS
Network	- Internet Setup - LAN Setup - DDNS - IPTV - IPv6 - IP/MAC Binding
Wireless	- Wireless Setup - Guest Network - Schedule - Access Control - Advanced - WMM
Parental Control	- Internet time control based on MAC
QoS	- Up/Down speed control on WAN, Bandwidth control based on IP address
Security	- IP/Port Filtering - MAC Filtering - URL Filtering
NAT	- Virtual Server - DMZ - VPN Passthrough
Service	- Remote - UPnP - Schedule
Tools	- Change Password -Time Setup - System - Upgrade - Diagnosis - Route Tracking - Log
Operation Mode	- Gateway mode - Bridge mode - Repeater mode - WISP mode
Other Function	- Multi-language automatic adaptation - Domain Access - LED Control - Logout - Reboot
Others	
Package Contents	- A3300R Wireless Router *1 - Power Adapter *1 - RJ45 Ethernet Cable *1 - Quick Installation Guide *1
Environment	- Operating Temperature: 0°C~50 °C (32 °F ~122°F) - Storage Temperature: -40°C~70 °C (-40 °F ~158°F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing