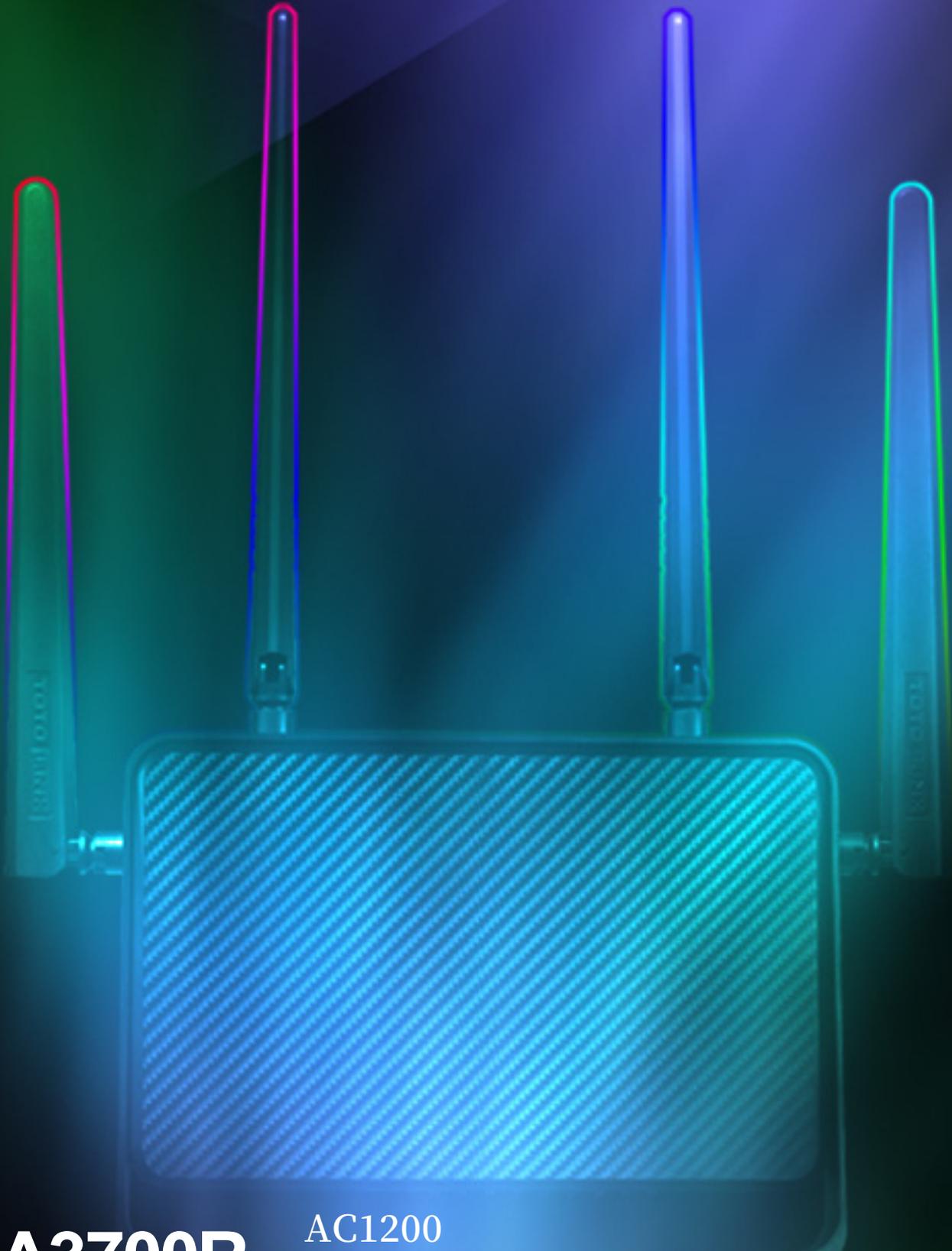




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The Smartest Network Device



A3700R

AC1200
Wireless Dual Band Gigabit Router



Dual Band



IPTV



Beamforming



SD-WAN

➤ Overview

AC1200

Wireless Dual Band Gigabit Router

Model No. **A3700R**

A3700R wireless router complies with the latest IEEE 802.11 ac wave2 Wi-Fi standard, with MU-MIMO technology offering continual high speed data transmission for multiple devices at the same time. Built-in 880MHz dual core processor provides powerful data handling capacity to improve Wi-Fi transfer efficiency. Meanwhile, the middle power design on both bands make wireless connection more flexible and stable, especially over long distance. Moreover, A3700R supports SD-WAN (Remote Access) function, which can realize remote data transmission and telecommuting. APP and quick installation UI can help users easy to setup the router, Generally, A3700R is designed for medium-size homes with increasing demand of high speed Wi-Fi network.



➤ Features

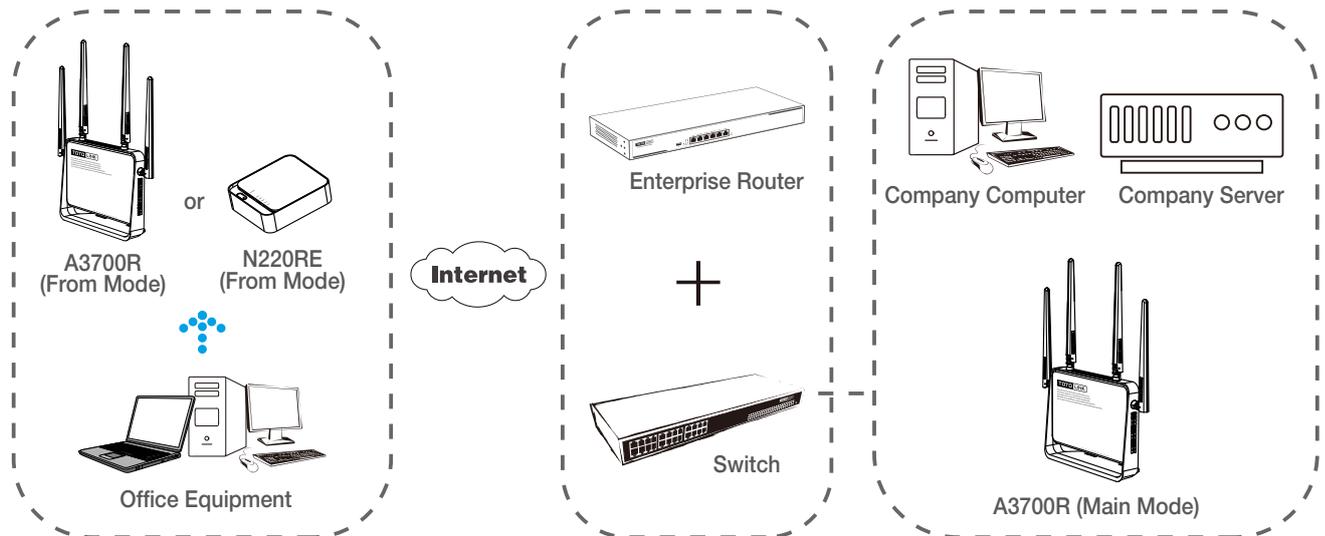
- Supports SD-WAN function to realize remote data transmission and telecommuting.
- Complies with the next generation IEEE 802.11ac Wi-Fi standard.
- 867Mbps on 5GHz and 300Mbps on 2.4GHz band for total 1167Mbps simultaneously.
- Middle power design on both bands is perfect for long distance wireless 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 WPA/WPA2 mixed 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.
- Easy setup with APP and quick installation PC UI.



Selling point

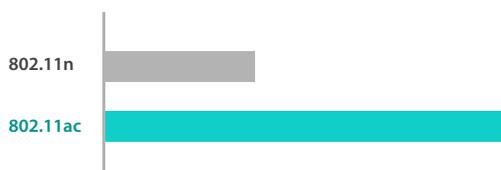
SD-WAN (Remote Access)

SD-WAN can help you realize remote data transmission and telecommuting. By connecting two A3700R, you are able to experience remote monitoring, sharing files and accessing intranet office system of company conveniently.



1.2Gbps Fast Wi-Fi Speed

Adapting the next generation IEEE 802.11ac standard, A3700R delivers wireless speed up to 1167Mbps, optimized for Internet activities requiring high bandwidth, such as HD videos and online gaming.



5GHz
867Mbps

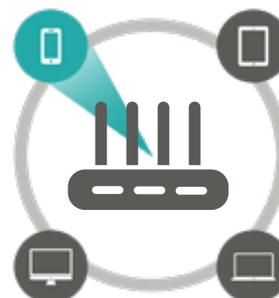


2.4GHz
300Mbps



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

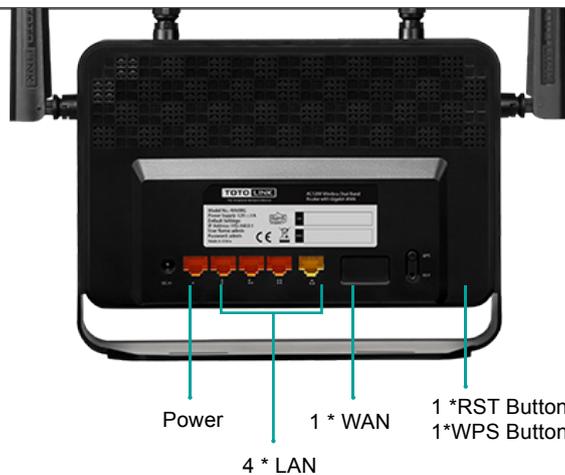


Multi-User MIMO

Specification

Hardware

Interface	- 4 *1000Mbps LAN Ports - 1 *1000Mbps WAN Port
Power Supply Button	- 12VDC/1A - 1 * RST Button - 1* WPS Button
LED Indicators	- 1 *Power, 1 * SYS, 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)



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	- 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

Specification

Software

Operation Mode	- Gateway Mode - Repeater Mode - AP Mode - WISP Mode
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP
Home	- Quick Setup - Basic setup - Advanced setup - QR Code - LED - Logout - Reboot
Network	- WAN Setting - LAN Setting - DDNS Setting - IPTV Setting - IPv6 Setting
Wireless	- Basic setup - Guest Network(Multiple SSID) - Wireless Schedule - Access Control - Advanced setup
Parental controls	- Internet time control based on MAC
QoS	- Up/Down speed control on WAN, Bandwidth control based on IP address
Device management	- Static Route - Routing Table - IP/MAC Binding
Security	- MAC Filtering - IP/Port Filtering - URL Filtering
NAT	- Virtual Server(Port Forwarding) - DMZ - VPN passthrough
Remote Networking	- SD-WAN - VPN Server
Tools	- Upgrade Firmware - Time Setup - Remote management - Password Settings - Reboot Schedule - System Log and so on

Others

Package Contents	-A3700R 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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