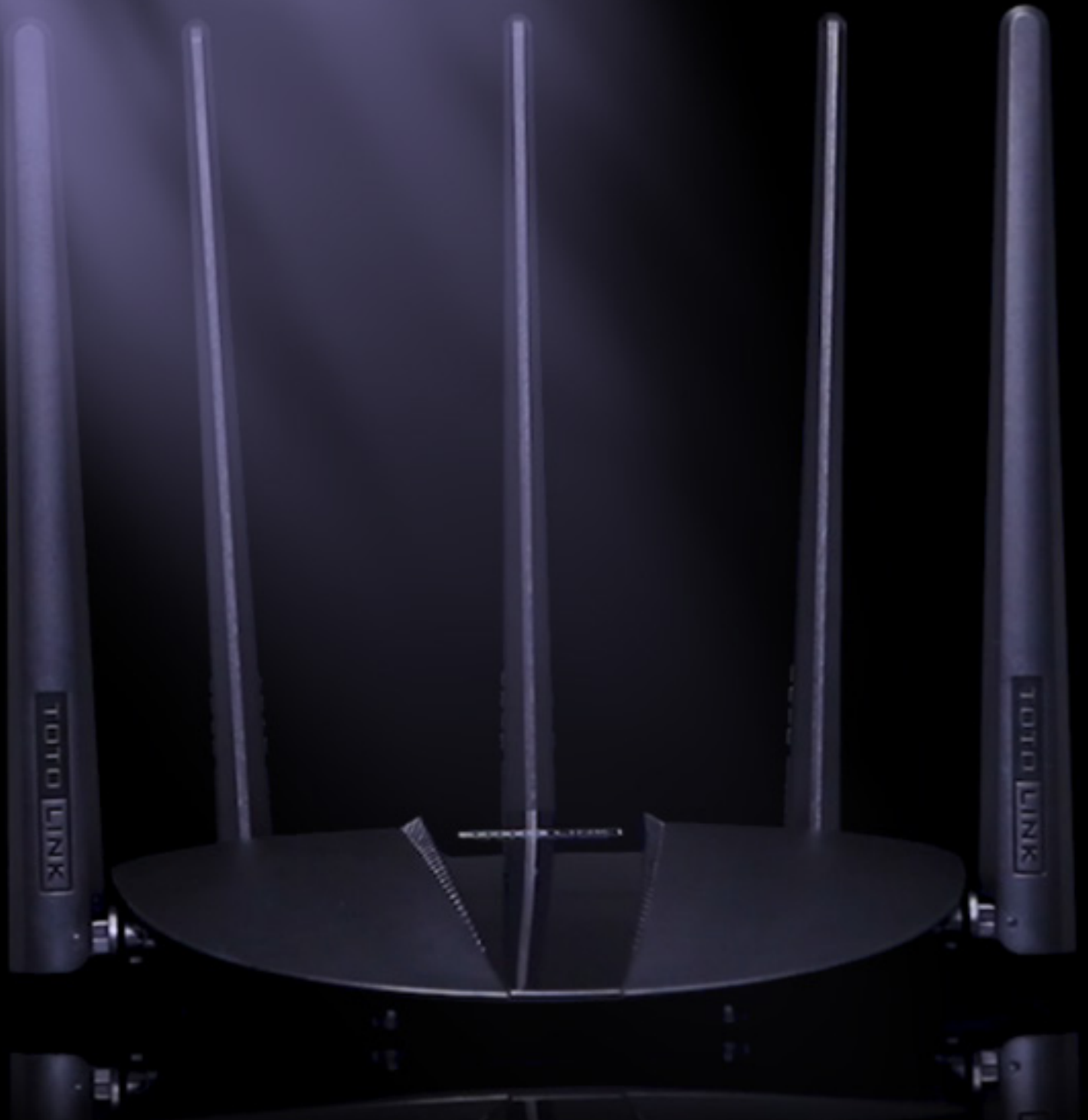


# TOTO LINK

[www.totolink.net](http://www.totolink.net)

The Smartest Network Device



## A3100R

AC1200  
Wireless Dual Band Gigabit Router



300Mbps+867Mbps  
11ac 1200Mbps



1GHz CPU



MU-MIMO



Multiple Solutions

## ➤ Overview

# AC1200

## Wireless Dual Band Gigabit Router

Model No. **A3100R**

A3100R wireless router complies with the latest IEEE802.11ac Wave 2 standard. It delivers speeds up to 1167Mbps. MU-MIMO and Beamforming+ technologies ensure a stable wireless connection to the Internet for multiple devices at the same time.

The dual bands being utilized simultaneously are 2.4GHz and 5GHz.

2.4GHz offers high compatibility with wireless devices while 5GHz reduces interferences.

The router is equipped with five high-gain omni-directional antennas and full Gigabit WAN and LAN ports, offering an ultra-fast Wi-Fi network and enabling stable communication.

Features like medium-power output and dual bands are designed to get wide wireless coverage, consume less power and dissipate less heat, ideal for your smart home.

## ➤ Features

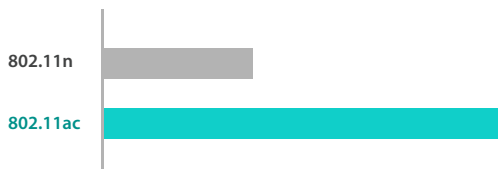
- Complies with the IEEE 802.11ac Wave 2 Wi-Fi standard.
- Simultaneous 867Mbps on 5GHz and 300Mbps on 2.4GHz for a total of 1167Mbps.
- Five external omni-directional antennas is perfect for long-distance wireless transmission.
- MU-MIMO technology allows to transfer data to multiple devices at the same time.
- Beamforming technology improves directional signal transmission or reception, and reduces interferences.
- Three 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/Port 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.
- Supports IPTV and other internet services.
- Easy setup with smartphone UI simplifies the basic settings.



# Selling point

## ➤ 1.2Gbps Super Speed Wi-Fi

A3100R complies with the IEEE802.11ac Wi-Fi standard. It works on 2.4GHz and 5GHz simultaneously and delivers speeds up to 1167Mbps.



5GHz  
867Mbps



2.4GHz

300Mbps

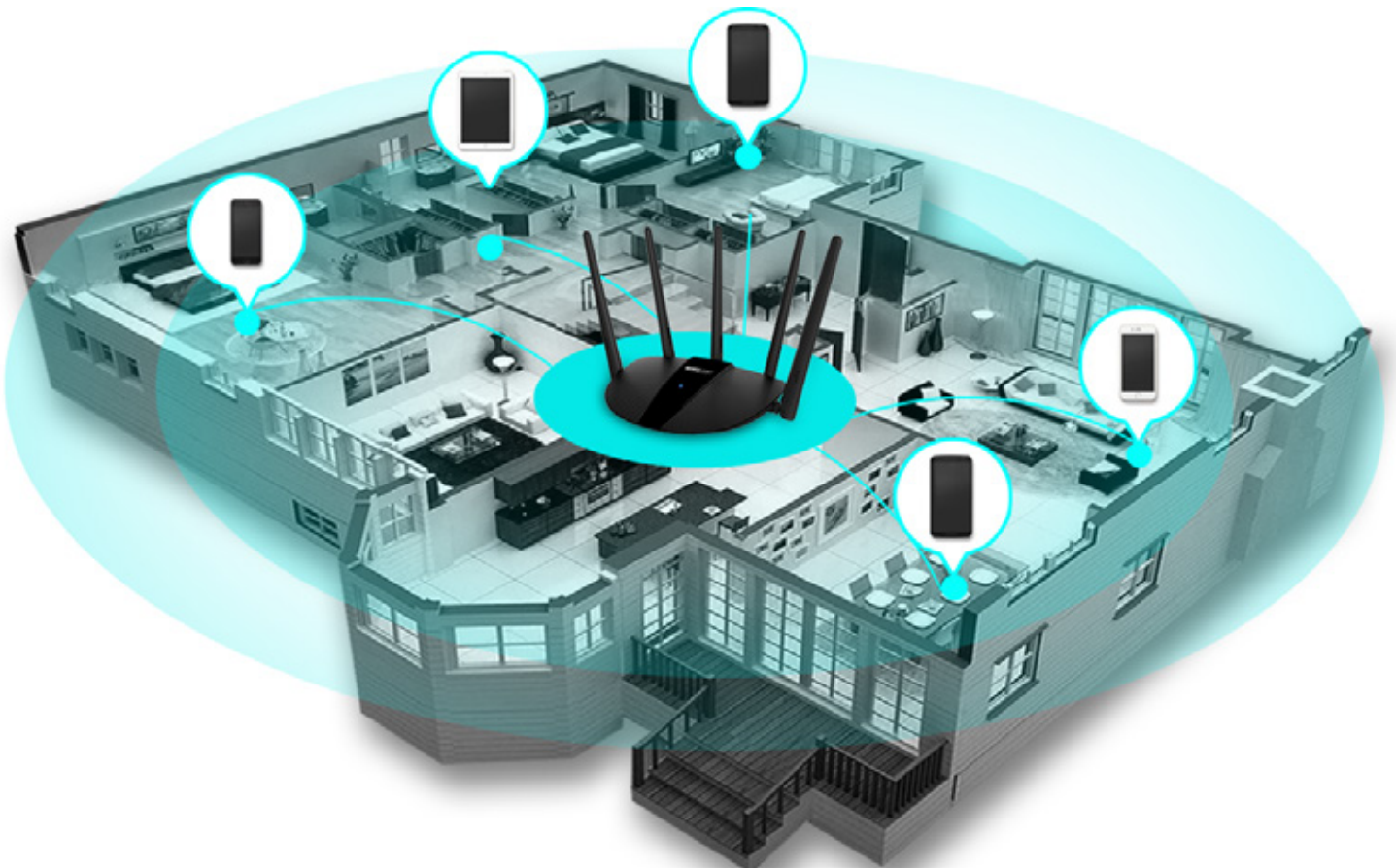


## ➤ Beamforming Technology for Focus Wi-Fi

The Beamforming technology allows to transmit radio signal in the direction of the connected smartphones, tablets, and laptops, thus extending Wi-Fi coverage and reducing dead spots and unnecessary RF interference.

## ➤ MU-MIMO Technology

MU-MIMO capable—Go faster by streaming simultaneously to multiple devices, ensuring a stable Wi-Fi connection to the Internet and keeping it consistently connected.




# Specification

## Hardware

Interface	- 2 * 1000Mbps LAN Ports - 1 * 1000Mbps WAN Port
Power Supply	- 9V DC/0.8A
Button	- 1 * RST/WPS Button
LED Indicator	- 1 * SYSTEM
Antenna	- 3 * 5dBi fixed antennas (2.4GHz) - 2 * 5dBi fixed antennas (5GHz)
Dimensions (L x W x H)	- 190 x 131 x 36mm (not including antennas)

 The image shows the rear panel of a black wireless router. From left to right, there are two red LAN ports, a yellow WAN port, and a black power jack. Below the LAN ports is a bracket labeled 'LAN'. Below the WAN port is a label 'WAN'. Below the power jack is a label 'Power'. There are also four antennas visible on the top of the device.	
--	--

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

## Others

Package Contents	- A3100R 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

## ZIONCOM ( HK ) TECHNOLOGY LIMITED

Copyright©ZIONCOM (HK) TECHNOLOGY CO., LTD. All Rights Reserved.

### Headquarter & R&D Center

7/F, Unit D, 4 Building Shenzhen Software Industry Base, Xuefu Road,  
Nanshan District, Shenzhen, Guangdong, China

Tel : +86-755-6136-3288 (Ext.867) | FAX : +86-755-6136-3344

### Factory

Building A1 & A2 Lantian Technology Park, Xinyu Road, Xinqiao Henggang Block,  
Shajing Street, Baoan District, Shenzhen, Guangdong, China

Direct Line : +86-755-3686-1188(Ext. 5810) | FAX : +86-755-3686-1133

# A3100R

AC1200 Wireless Dual Band Gigabit Router