

AC1200 Wireless Dual Band Router

Model No.: A710R

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Appearance



Overview

The A710R is a fast 802.11ac router with incredible range. It's better than many routers that are twice as expensive. This advanced Wi-Fi is designed for high-traffic online activities and can help to run applications at triple the speed of the previous 802.11n standard. Equipped with 4 pieces omni-directional antennas, A710R delivers Wi-Fi speed up to 1167Mbps. Meanwhile, fast WAN port and LAN ports offer a stable 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.

1167Mbps Super Speed Wi-Fi

A710R 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, A710R offers a higher wireless performance and expands wireless signal to a wider coverage.

Easy Parental Control

Parental control enables to create a safe and healthy Internet environment for your children. With different firewall regulations supported, parents no need to worry the negative web sites will jump on the screen anymore.

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 zones and the surrounding unnecessary RF interference.

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.

Overview

IPTV supported

IPTV supports IGMP Proxy/Snooping, Bridge and Tag VLAN to optimize IPTV streaming. It is easy to share the multi-media at home with your families, enjoy the online movies and catch the latest teleplay at any time.

Multiple Modes for Various Scenarios

A710R provides several working modes, such as “Gateway”, “Bridge Mode”, “WISP Mode”, “Repeater Mode”, selectable for the different scenarios. Users could choose the suitable working mode as their current environments and the demands.

Easy Setup on the totolink router APP

Install the totolink router APP on your cellphone and connect your cellphone to the router’s Wi-Fi network. The router’s configuration can be completed within minutes.

Features

- Comply with the IEEE 802.11ac Wave 2 Wi-Fi standard.
- 1167Mbps in total on dual band, 867Mbps on 5GHz and 300Mbps on 2.4GHz
- 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.
- Fast WAN/LAN ports offers a stable capability for data streaming via cable connection.
- Support DHCP, Static IP, PPPoE, PPTP and L2TP connection mode.
- Support IPv6, the next generation of internet protocol, helping you to future-proof your network.
- Provides WPA/WPA2 mixed security.
- MU-MIMO 2x2 technology allows to transfer data to multiple devices at the same time.
- 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.
- IPTV function allows to enjoy online movies at home.
- Support IP address filtering, port filtering, MAC filtering, URL filtering and port forwarding.
- Multiple SSIDs allows to create different 4 SSIDs for 1 band different groups, better for Internet access management.
- Smart UI design or totolink router APP is easy for the users to finish the basic configuration with their cellphones.
- Support band steering auto connect best wifi for device to use higher speed and stable wifi, and can disable Wi-Fi on 2.4Ghz / 5Ghz
- Support network protocol IP/TCP, UDP, ARP, ICMP, NAT, PAT, IPv4, IPv6, DHCP server, DNS, DDNS.
- Support OTA upgrade firmware for more easy to manage firmware on device.

Specifications

Hardware	
Interface	- 2 *100Mbps LAN Ports - 1 *100Mbps WAN Port
Power Supply	- 9VDC/0.8A
CPU, RAM, FLASH	- CPU RTL8197FH-VG4 1GHz, RAM built in CPU 64MB, FLASH 8MB
Chip Wi-Fi	- 2.4GHz: RTL8197FH-VG4 - 5GHz: RTL8812FR
Button	- 1 *RST/WPS Button
LED Indicator	- 1 *SYS
Antenna	- 2 * 2.4GHz fixed antennas(5dBi) - 2 * 5GHz fixed antennas(5dBi)
MU-MIMO Technology	- Support MU-MIMO 2x2 at 5Ghz
MIMO Technology	- Support MIMO 2x2 at 2.4Ghz
Dimensions (L x W x H)	- 120X180 X256mm
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	
Operation Mode	- Gateway Mode - Repeater Mode - Bridge Mode - WISP Mode
Home	- Quick Setup - Basic setup - Advanced setup - LED - Logout - Reboot
Network	- WAN Setting - LAN Setting - DDNS Setting - IPTV Setting - IPv6 Setting
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP
Wireless	- Basic setup - Guest Network(Multiple SSID) - Wireless Schedule - Access Control - Advanced setup
Parental Control	- Internet time control based on MAC
QoS	- Up/Down speed control on WAN, Bandwidth control based on IP address
Device managemen	- Static Route - Routing Table - IP/MAC Binding
Security	- MAC Filtering - IP/Port Filtering - URL Filtering
NAT	- Virtual Server(Port Forwarding) - DMZ - VPN passthrough
Service	- Remote - UPnP - Reboot Schedule
Tools	- Upgrade Firmware - Time Setup - Remote managemen - Password Settings - Reboot Schedule - System Log - System restore/backup/reset - Ping/Tracert
Others	
Package Contents	- A710R Wireless Router *1 - Power Adapter *1 - 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