

Model No.:Standalone Route v1

**AC1200 Dual Band Whole Mesh WiFi
Router System Technical Specification**

Features:

- Dual-band concurrent Wireless Access Point compatible with IEEE802.11a/b/g/n/ac
- Chipset Solution: MTK MT7621AT+MT7603+MT7613BEN
- 16MByte Flash and 128Mbyte RAM
- 867Mbps on 5GHz and 300Mbps on 2.4GHz band for total 1167Mbps simultaneously
- Smart Mesh networking and IEEE802.11K/V/R
- Supports multiple devices extension for wide WiFi coverage
- Wireless roaming helps users auto switch to stronger signal source
- Next-GEN MU-MIMO technology improves user experience comprehensively
- Intelligent Beamforming delivers highly targeted and efficient WiFi connection
- Full gigabit WAN and LAN ensures high speed Internet access and wired speed
- Supports DHCP, Static IP and PPPoE broadband functions
- QoS: Bandwidth Control based on IP address
- Support Easy Mesh protocol
- Support TR069

General

Items	Features
Wireless Standards	IEEE802.11a/n/ac@5GHz IEEE802.11b/g/n@2.4GHz
Signal Rate	5GHz: Up to 867Mbps 2.4GHz: Up to 300Mbps
Operation Frequency	2.4GHz and 5GHz
Basic Features	SSID Broadcast Support MU-MIMO
Wireless Security	WPA2-PSK(default)
Backhaul Link Speed	5G 866Mbps + 2.4G 300Mbps
Wireless roaming	Comply with IEEE802.11v/r

Hardware Specification

Items	Features
Ethernet Standards	IEEE802.3, IEEE802.3u
Interface	1 Gigabit Ethernet WAN port 3 Gigabit Ethernet LAN port
Antenna	4*5dB External antennas
Button	1 WPS & 1 Reset button
Power Adapter	Input: 100-240V—50/60Hz, 0.4A Output: DC 12V=1A

Software Features

Items	Features
Internet Connection Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, Client, DHCP Client List, Address Reservation
Quality of Service	WMM, Bandwidth Control
Port Forwarding	Virtual Server, UPnP
VPN Pass-Through	PPTP, L2TP, IPSec
Access Control	Parental Control Guest Network Reset to factory settings
Firewall Security	Forbid UDP flood attack Forbid TCP flood attack Forbid ICMP flood attack
Internet Protocol	IPv4 and IPv6
Setup Requirements	Supports Web UI, TR069

Environment

Items	Features
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity	10%~90%, non-condensing
Storage Humidity	5%~90%, non-condensing

Package Contents

Items	Features
Package Contents	1*R1200A4 1*Power Adapter 1*Quick Install Guide 1*Gigabit Ethernet Cable

Federal Communications Commission (FCC) Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct

the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by

may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement:

The transmitter must not be colocated or operated in conjunction with any other antenna or

transmitter. This equipment complies with the FCC RF radiation exposure limits set forth for

an uncontrolled environment. This equipment should be installed and operated with a Minimum distance of 20cm between the radiator and any part of your body.