RUIJIE | REYEE

EW1200

AC1200 wireless dual band 802.11ac Wave2 Reyee Mesh Technology

ROUTER FOR

MONEY-SAVOR

&

LOVED FAMILY

INDEX OF CONTENTS

EW1200

Product Photos

Aspects of EW1200

DC Power

Pair/ Reset Button

10/100M LAN * 3

WAN * 1

Non-Removable Omnidirectional Antennas

32mm

182mm

121mm

Reyee LOGO

Sys Indicator

WIFI Indicator

WAN+LAN*3
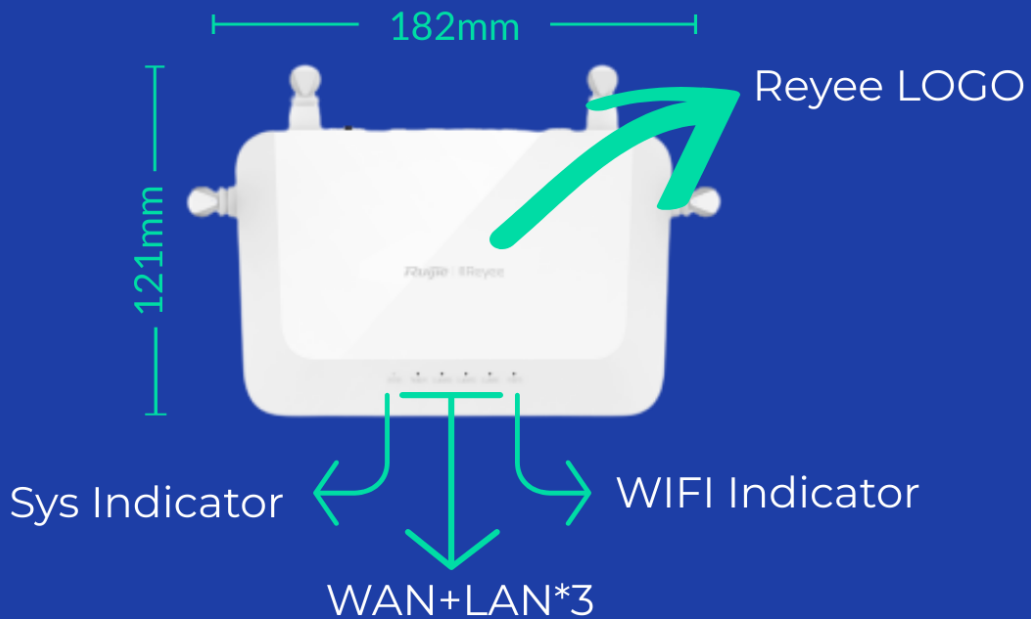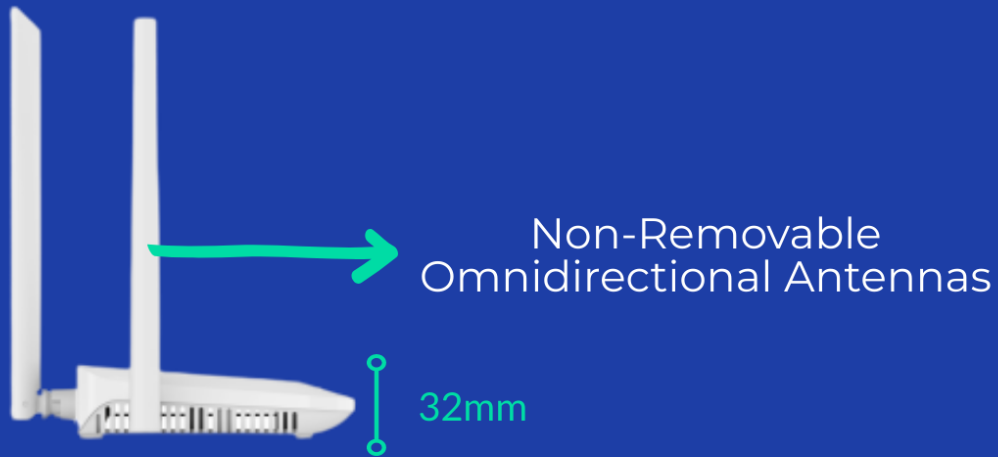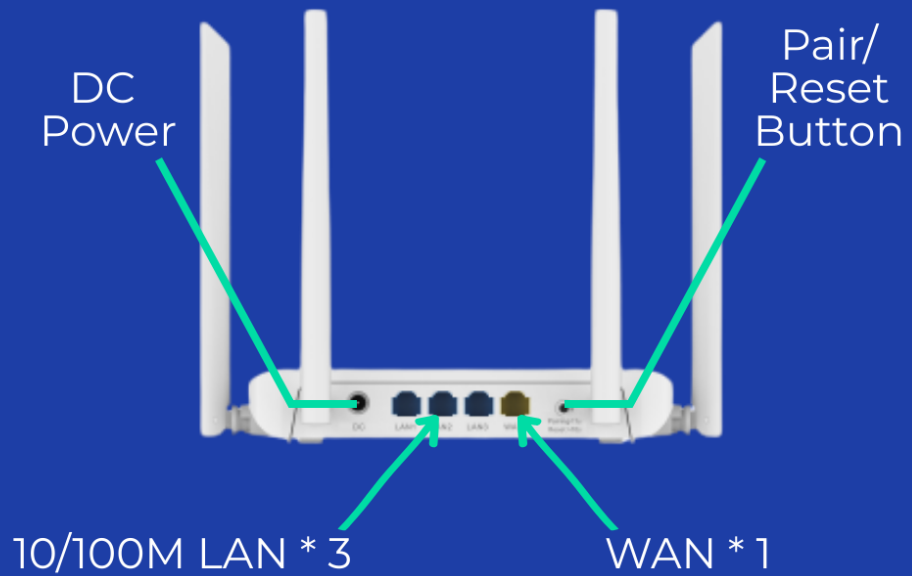
PRODUCT OVERVIEW

RG-EW1200 a 1200M dual-band wireless consumer router, specifically designed for the apartment, the self-building housing, the small retail store and other scenarios. The device adopts dual-frequency access, with low wireless interference; worked with the unique Reyee Mesh Technology, it completely eliminates the configuration and installation obstacles caused by multiple networking set up and additional devices add-on; User friendly App, coupled with the Parental Control, Game Acceleration key, and smart home exclusive Wi-Fi functions, etc.

The router offers 1 10/100Mbps WAN port and 3 10/100Mbps LAN ports, with maximum access bandwidth of 100Mbps. The recommended number of clients is 48, including 24 wireless terminals.

The device supports both 2.4GHz and 5GHz and work concurrently, offering maximum wireless rate of 300Mbps at 2.4G, 867Mbps at 5G and 1167Mbps per router. It lowers the wireless interference and latency, thereby improving the terminals' Internet access performance and users' Internet experience.

In addition to Reyee Mesh Technology, the router also supports network deployment with itself or RG-EW1200G PRO for unified management and configuration. No matter which networking method is used, the RF adjustment algorithm applied to millions of Ruijie enterprise-grade APs can provide seamless roaming between devices and fast switching between 2.4GHz and 5GHz. Users can move around the Wi-Fi coverage area without service interruption thanks to the seamless roaming.

Collaborative management can be authorized to others temporarily or permanently. Local or remote management and configuration can be performed via various methods such as local web, Ruijie Cloud app, etc. to achieve fault diagnosis and maintenance, providing multi-end management on mobile phone and PC anytime anywhere, and offering worry-free maintenance.

PRODUCT FEATURES

- **1167M Dual-Band Integration Offering Low Interference and Fast Internet Speed**
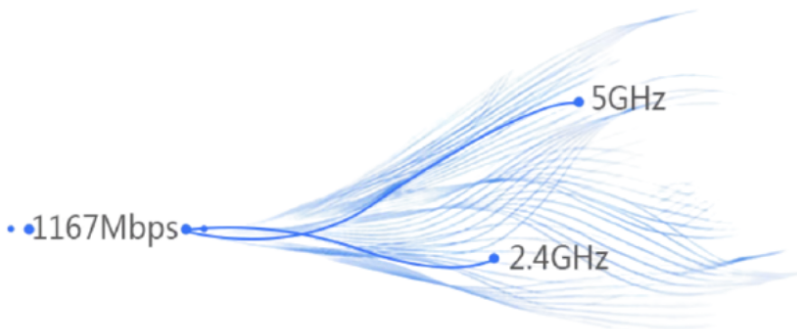
Affected by the actual application environment, the 2.4GHz frequency band has high interference and the testing speed is usually only 40 to 50M, which is unlikely to reach 100M. RG-EW1200 provides both 2.4GHz and 5GHz wireless frequency bands at the same time. The 2.4GHz frequency band offers good penetration, long transmission, and wide coverage, providing good basic signal coverage. The 5GHz frequency band features low interference, high speed, and low latency, providing better experience when watching HD videos and playing online games. Dual-band concurrent access makes "the better internet" better.

- **Reyee Mesh Technology Offers Seamless Roaming without Disconnection**

Reyee Mesh Technology supports wired or wireless networking among multiple devices. The RF adjustment algorithm applied to millions of Ruijie enterprise-grade APs can provide seamless roaming between the equipment and fast switching between 2.4GHz and 5GHz. When users walk around under the Wi-Fi signal coverage, the optimal frequency band selection and network switching will be automatically performed without service interruption.

03

PRODUCT FEATURES

- **Parental Control Allow Parents to Monitor Their Child's Internet Use**

Users can control the Internet access authority of the specified terminal through the Ruijie Cloud App and set rules to limit the online duration of the specified terminal.

- **Wi-Fi Acceleration Button Put You One Step Ahead of Other Players**

The Wi-Fi acceleration button, so-called "Xpress", improves the anti-interference of the device and the wireless channel efficiency under high-interference environment, thereby reducing game lagging and putting you one step ahead of other players in same internet condition.

- **Exclusive Reyee Mesh Technology Enables Zero-configuration Networking for Multi**

Reyee Mesh is a networking technology self-developed by Ruijie for multiple wireless routers' connection, which supports both plug-in and one-key pairing. Without requiring any pre-configuration, you can complete the pairing process between EW1200 and EW1200G PRO, for additional equipment installation, and coverage optimization with zero thresholds. Multiple wireless routers connected. By Reyee Mesh Technology, it can intelligently identify the connection status and automatically switches between wireless relay and wired relay modes to improve network reliability.

MU-MIMO

- **Temporary Authorization for Remote Management**

Users can use the Ruijie Cloud App for smart network inspection to determine the current network failures. Users can also temporarily grant network authorization and share network to technical personnel who can do remote-diagnosis through various technical tools such as Ruijie Cloud app and EWeb to avoid unnecessary on-site services.

HARDWARE SPECIFICATIONS

Model	RG-EW1200
Wireless specifications	2.4GHz 2*2: maximum rate 300Mbps; 5GHz 2*2: maximum rate 867Mbps
	Antenna: External 5dBi omnidirectional antennas
	Support 802.11a/b/g/n/ac/ac Wave2, MU-MIMO
	Frequency band: Independent 2.4GHz and 5GHz modules, supporting dual frequency integration
	Wi-Fi channel: 2.4GHz :2.4G~2.4835GHz 5GHz : 5.150~5.250GHz , 5.250~5.350H , 5.470~5.725GH , 5.725~5.850GHz (According to country specific)
Ports	1 10/100M WAN port（Auto MDI/MDIX）
	3 10/100M LAN ports（Auto MDI/MDIX）
	1 white system LED indicator, 1 WIFI LED indicator, 4 network port LED indicators
	1 device pairing/factory reset button
	1 power input interface
Physical specifications	Dimensions：182x120x32mm (W×D×H, excluding antennas)
	Weight：0.4kg（entire equipment including packaging）
Power supply	Power specification: DC12V 1A
	Maximum power: <7W
Certification	CE, RoHS
Operating environment	Operating temperature: 0-45℃
	Storage temperature: -40-70℃
	Operating humidity: 5%-95%RH (non-condensing)
	Storage humidity: 5%-95%RH (non-condensing)

SOFTWARE SPECIFICATIONS

Model	RG-EW1200
Main features	Routing mode: PPPoE / DHCP / static IP; relay mode: wired relay / wireless relay Obtain PPPoE account from the old router Wi-Fi dual-band separation/ integration Guest Wi-Fi; smart home Wi-Fi; wireless network isolation Static DHCP address Virtual server: port mapping, DMZ, etc. DDNS: Oray； UPnP
Network security	Wireless security: WPA-PSK/WPA2-PSK encryption ARP protection: IP/MAC binding SSID hiding Preventing rogue devices (Blacklist/whitelist) Internet access control
Advanced features	Reyee Mesh: Supports zero-configuration networking of multiple devices, and supports automatic switching between wired and wireless networking for multiple devices Wi-Fi optimization: Wi-Fi roaming, 5G priority, acceleration mode, channel adjustment, power adjustment, roaming sensitivity adjustment Bandwidth management: intelligent bandwidth allocation Auto network inspection, fault diagnosis Software upgrade: Automatic & manual cloud software upgrade
Management mode	Local web page Ruijie Cloud app: iOS version, Android version

Typical Applications

RG-EW1200 is an economical choice for wireless network deployment in apartment, self-building house, and retail store. RG-EW1200 can realize flexible networking and seamless roaming for multi-device via the Reyee Mesh Technology, providing stable and high-speed wireless experience.
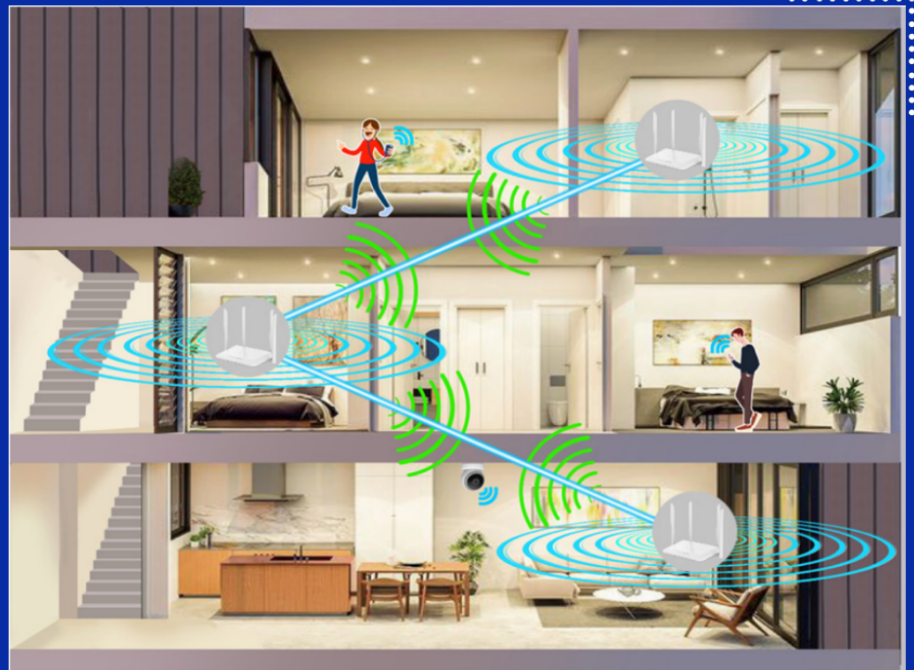
Goals of the products :

Economical & Practical

Aesthetic decoration in your home

Improve your message and Video Chat Quality

Decrease Latency during your party time

Been a gloabl product

Stay online always

Increase internet speed

Care with purpose, a more meaningful family life

Model	Description
RG-EW1200	1200M dual-band wireless home router，dual-band 1167Mbps, 4 Ethernet ports including 1WAN+3LAN. Exclusive Reyee Mesh technology for multi-device, supports Wi-Fi seamless roaming, equipped with intelligent hardware NAT forwarding technology, management via Ruijie Cloud App and EWeb.

EW1200

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