RG-EW1300G
AC1300 Dual-band Gigabit Wireless Router

Highlights

- 802.11ac wave2

- Full coverage, easy setup, and seamless roaming

- 96 concurrent connections

- Project-based cloud management with Ruijie Cloud App

Highlight Features

RG-EW1300G

Superior Wi-Fi Performance for Entry-level Gigabit Network

It's our mission to provide you high-quality online moment.

- **4 Gigabit** Ethernet ports
- **Dual-core** hyper-threading CPU
- **802.11ac** Wave2
- **1267** Mbps

AC1300 Dual Band WiFi Meets your Smooth Networks Needs

You can effortlessly connect multiple devices and enjoy seamless streaming using the dual 2.4GHz and 5GHz bands.

867 Mbps 5GHz Band
**400 Mbps** 2.4GHz Band

Concurrently Support Multiple Devices Connection

Dual-Band integration together with the MU-MIMO technology offer low interference and fast speed internet to up to 96 terminals simultaneously.

up to **96** terminals

Highlight Features

Gigabit WAN Ports

Gigabit LAN Port
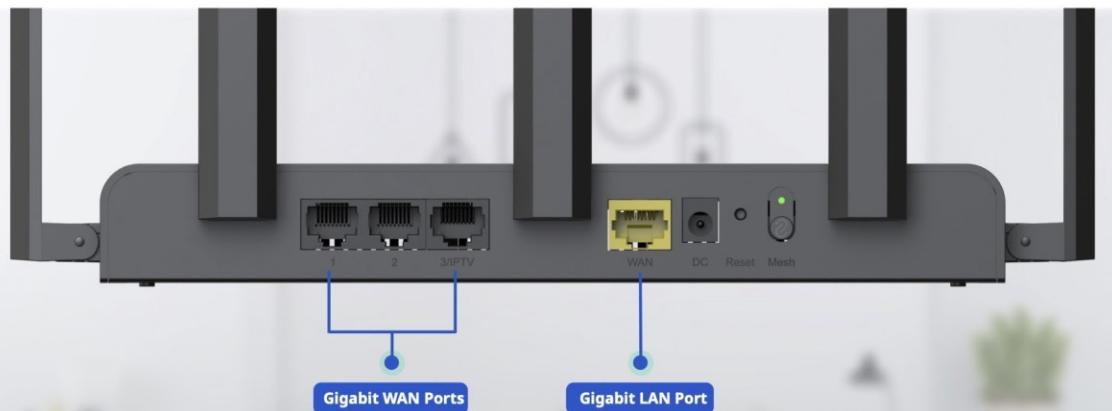
Gigabit Upgrade ! 10 x Faster !

Boasting Gigabit Ethernet ports, including 1 WAN and 4 LAN, this powerhouse router accelerates your internet up to a staggering 10 times faster than regular Ethernet connections.

Full Coverage, Easy Setup, Seamless Roaming
Amazed by Reyee Mesh

Advanced functions make your network

Simpler   Safer   Agiler

Ruijie DDNS

Easily connect to your server anywhere & anytime with Ruijie Dynamic DNS

Open VPN

Private Network in an on-site data center or Virtual Private Cloud.

Site to site

Remote Access

LOT Communication

Highlight Features

Advanced functions make your network

Simpler   **Safer**   Agiler

WPA3

More secure encryption of passwords and enhanced protection against brute-force attacks combine to safeguard your home Wi-Fi

WPA2

WPA3

2004
Wireless Protected Access I

2018
Wireless Protected Access II

Guest Wi-Fi

Guest Wi-Fi speed limit & Guest Wi-Fi isolatior

<10Mbps

Advanced functions make your network

Simpler   Safer   **Agiler**

Advanced Parental Controls

Time limit

Prevent children from getting addicted to the internet by regulating their online time
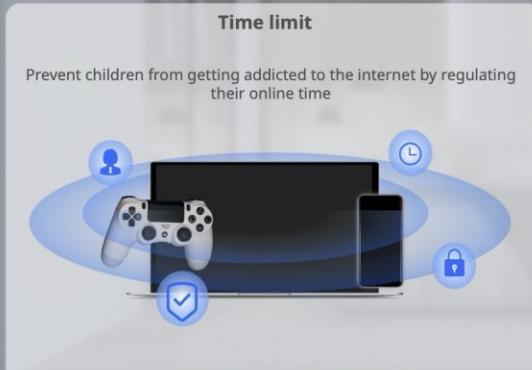
Speed Limit

Avoid long-term occupation of high bandwidth by a certain terminal

<20Mbps

>80Mbps
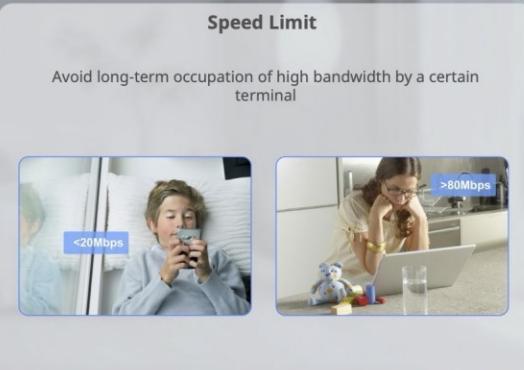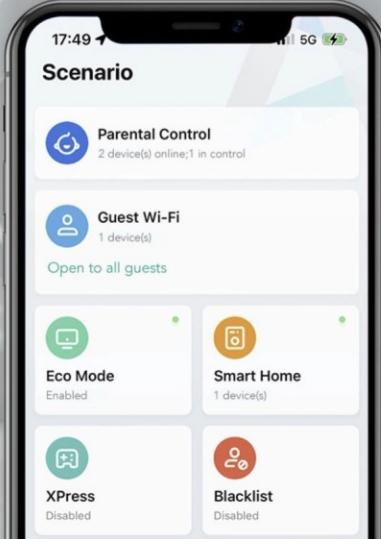
Take Control of Your Home Network at Fingertips

Set up your home network in **Reyee Router App** in two minutes. More **Life-time Free** functions are waiting for you to Explore.Experience,Expect.

Remote Management

Parental Control

Parental Control

17:49 📶 5G

Scenario

Parental Control
2 device(s) online;1 in control

Guest Wi-Fi
1 device(s)
Open to all guests

Eco Mode
Enabled

Smart Home
1 device(s)

XPress
Disabled

Blacklist
Disabled

Reyee

GET IT ON
Google Play

Download on the
App Store

/ Hardware Specifications

Model	RG-EW1300G
Wi-Fi Radio	
Operating band	IEEE 802.11b/g/n，2.400GHz~2.4835GHz； IEEE 802.11a/n/ac，5.150GHz～5.350GHz； IEEE 802.11a/n/ac，5.470GHz～5.725GHz； IEEE 802.11a/n/ac，5.725GHz～5.850GHz
FEM	iPA
Max. Wi-Fi Speed	2.4 GHz, 400 Mbps 5 GHz, 867 Mbps
Maximum transmit power	2.4 GHz: 802.11b: 21 dBm 802.11g: 6 Mbps 22 dBm; 54 Mbps 19 dBm 802.11n: MCS0 22 dBm; MCS7 18 dBm 5 GHz: 802.11n: MCS0 21 dBm; MCS7 16.5 dBm 802.11a: 6 Mbps 21.5 dBm; 54 Mbps 17.5 dBm 802.11ac: MCS0 21 dBm; MCS7 16.5 dBm; MCS9 14.5 dBm Note: The transmit power varies according to regulations in different countries and regions.
Maximum transmit power(EIRP)	Frequency bands using and the max EIRP: Note: Country specific restrictions apply European Union & United Kingdom: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm Myanmar: 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Thailand: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Indonesia: 2400-2483.5 MHz, EIRP ≤ 27 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 23 dBm Egypt： 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm Vietnam: 2400-2483.5 MHz, EIRP ≤ 23 dBm

/ Hardware Specifications

Model	RG-EW1300G
	5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm
MIMO	2.4 GHz, 2 x 2 5 GHz, 2 x 2
Wi-Fi standard	Wi-Fi 5 (IEEE 802.11ac)
Antenna	
Antenna	4 x external antennas
Antenna gain (2.4 GHz)	4 dBi
Antenna gain (5 GHz)	5.5 dBi
Certification and Regulatory Compliance	
Certification	CE, CB
Dimensions and Weight	
Product dimensions (W x D x H)	220 mm × 140 mm × 36 mm (8.66 in. × 5.51 in. × 1.42 in.) (excluding antennas)
Weight	0.29 kg (0.64 lbs) (without packaging materials) 0.73 kg (1.61 lbs) (with packaging materials)
Environment and Reliability	
Operating humidity	5% RH to 95% RH (non-condensing)
Operating temperature	-10 °C to +45 °C (14 °F to 113 °F)
Storage humidity	5% RH to 95% RH (non-condensing)
Storage temperature	-40 °C to +70 °C (-40 °F to 158 °F)
Port Specifications	
LEDs	1 x system status LED 1 x Mesh LED
LAN ports	3 x 10/100/1000BASE-T ports
WAN ports	1 x 10/100/1000BASE-T port
Power Supply and Consumption	
Power supply	DC 12 V 1.0 A

/ Hardware Specifications

Model	RG-EW1300G
Product Information	
Warranty	3 years
System Specifications	
RAM	128 MB

/ Software Specifications

Model	RG-EW1300G
Basic Configurations	
LED management	Yes
Internet access mode	PPPoE, DHCP, Static IP, WISP, L2TP
Preconfiguration	Yes
Reset and keep configurations	Yes
Restoring factory defaults	Yes
Configuration backup	Yes
Local upgrade	Yes
Online upgrade	Yes
Scheduled upgrade	No
AP mode	Yes
Ethernet Switching	
WAN port aggregation	No
LAN port aggregation	No
Specifying the VLAN tag	Yes
IP Service	
Port mapping	Yes
ARP binding	Yes
Number of ARP binding entries	64
DDNS	Yes
No-IP DNS	Yes
Ruijie DDNS	Yes
NAT-DMZ	Yes
Number of port mapping entries	50

Software Specifications

Model	RG-EW1300G
UPnP	Yes
IPv6	Yes
Behavior Management	
Parental control	Yes
Client access control (based on MAC addresses)	Yes
Client access control (based on time)	Yes
Maximum number of controlled clients	32
Maximum number of parental control policies	No
Selecting clients from the client list to block their access to the Internet	Yes
Specifying MAC addresses of controlled clients	Yes
Ethernet Interface	
MAC address cloning	Yes
VLAN-based IPTV	Yes
Flow Control	
Flow control based on number of users	Yes
Standalone/Shared mode	Yes
Interface flow control	Yes
IPTV/VLAN	
Multiple IPTV ports	Yes
Multicast	
IGMP proxy	Yes
IGMP snooping	No

Software Specifications

Model	RG-EW1300G
Network Management and Monitoring	
Line detection	Yes
Arabic	Yes
Chinese (Hong Kong Traditional)	Yes
Chinese (Simplified)	Yes
English	Yes
Indonesian	Yes
Italian	Yes
Russian	Yes
Spanish (Latin America)	Yes
Thai	Yes
Turkish	Yes
Vietnamese	Yes
Ruijie Cloud management	Yes
Scheduled device restart	Yes
eWeb login password length	8 to 63 characters
Wired repeater mode	Yes
Wireless repeater mode	Yes
WISP mode	Yes
Rate Limiting	
Client-based rate limiting	Yes
Reyee Mesh 3.0	
Reyee Mesh 3.0	Yes

Software Specifications

Model	RG-EW1300G
Automatic switching between wired and wireless repeater mode	Yes
Recommended hop count	2
Maximum number of clients	192
Maximum number of devices	32
Security	
Encryption mode	Yes
System Performance Capacity	
Maximum number of concurrent clients	32 (2.4 GHz) 64 (5 GHz)
Recommended number of concurrent clients	8 (2.4 GHz) 24 (5 GHz)
IPTV/IGMP client capacity	5
IPTV/IGMP multicast capacity	5
IPTV/IGMP wired forwarding performance	20 Mbps
Recommended camera limit	6 (2.4 GHz) 16 (5 GHz)
VPN	
Number of concurrent tunnels supported by the OpenVPN server	8
Certificate authentication	Yes
OpenVPN bandwidth	13 Mbps
OpenVPN client	Yes
OpenVPN server	Yes
Server domain name configuration	Yes
Username and password authentication	Yes
Number of concurrent tunnels supported by the PPTP VPN server	No

/ Software Specifications

Model	RG-EW1300G
PPTP VPN client	Yes
PPTP VPN server	No
Wireless Configuration	
Guest Wi-Fi	Yes
WLAN	
1024-QAM	No
MLO	No
DFS	Yes
802.11k/v roaming	Yes
Wi-Fi blocklist capacity	30
SSID hiding	Yes

/ Package Contents

Model	RG-EW1300G
Accessories	
Ethernet cable	1
Power adapter	1
Device	
Device	1
Manual	
User Manual	1
Warranty Card	1

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Redefine your easy network