Ruijie | Reyee

RG-EW1300G
1300M Wi-Fi 5 Dual-band Gigabit Mesh Router

DATASHEET

Highlights

- 802.11ac wave2
- Five omnidirectional & foldable antennas providing strong Wi-Fi signals
- Full coverage, easy setup, and seamless roaming
- 96 concurrent connections
- Easy network management at your fingertips with Reyee Router 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
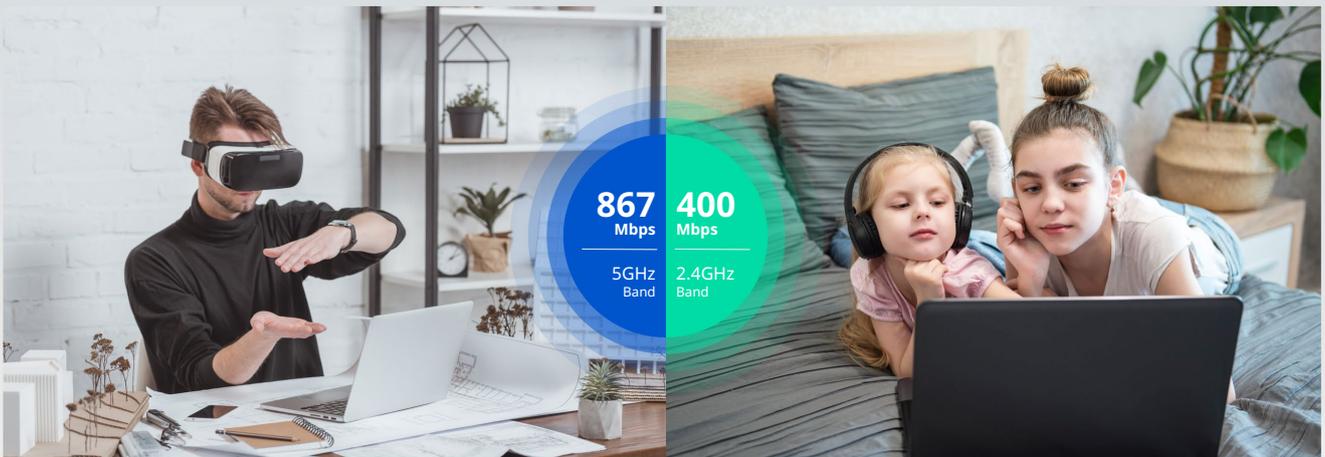
Concurrently Support Multiple Devices Connection

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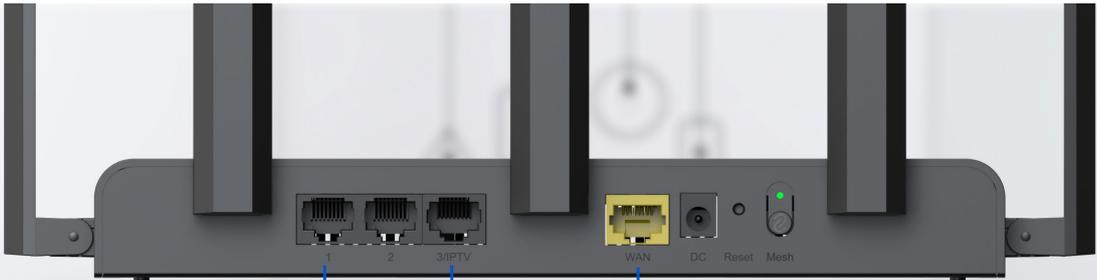
up to **96** terminals

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
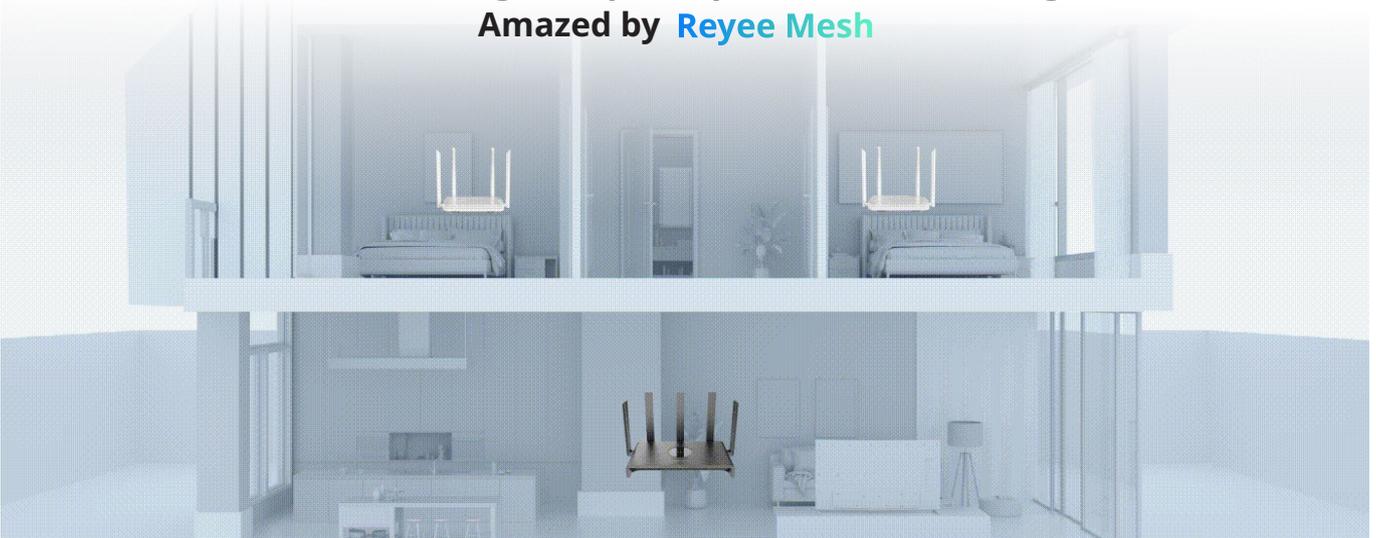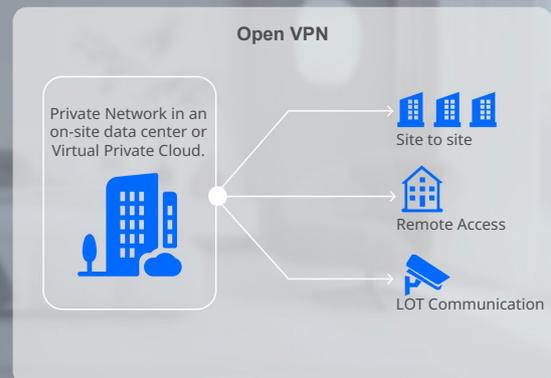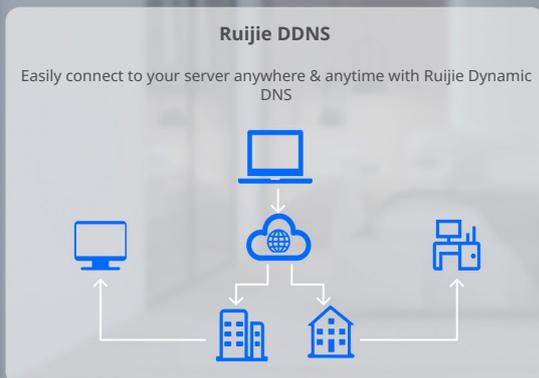
Highlight Features

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
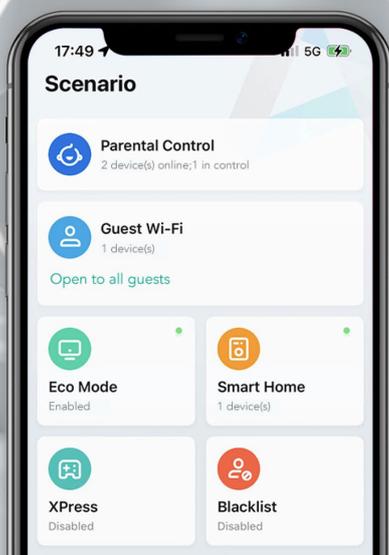
/ Specifications

Basic	
Dimensions (W×D×H)	230 mm × 130 mm × 30 mm (9.06 in. × 5.12 in. × 1.18 in. antennas not included)
Weight	0.29 kg (packages not included)
Wi-Fi Standards	Wi-Fi 5 (802.11ac)
MIMO	2.4 GHz, 2×2, MU-MIMO 5 GHz, 2×2, MU-MIMO
Max. Wi-Fi Speed	2.4 GHz: 400 Mbps 5 GHz: 867 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80MHz
Antennas	5
Antennas Type	External Omnidirectional
Antenna Gain	2.4 GHz: 4.5 dBi 5 GHz: 5.5 dBi
WAN Port	1×10/100/1000 Base-T
LAN Ports	3×10/100/1000 Base-T
Recommended Users	32
Max. Users	96
Power Supply	DC 12V/1.0A
Power Consumption	< 12 W
Operation Frequency Bands	802.11b/g/n: 2.400 GHz to 2.483 GHz 802.11a/n/ac: 5.150 GHz to 5.350 GHz 802.11a/n/ac: 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz country-specific restrictions apply
Transmit Power	General: CE EIRP: $\leq$20dBm (2.4GHz) $\leq$27dBm (5GHz) $\leq$20dBm 2400~2483.5MHz(Bluetooth) Myanmar: 2400~2483.5MHz $\leq$ 20dBm(EIRP) ; 5150~5350MHz $\leq$ 23dBm(EIRP) ; 5470~5725MHz $\leq$ 30dBm(EIRP) ; 5725~5850MHz $\leq$ 30dBm(EIRP) ;

Specifications

Basic	
Receive Sensitivity	2.4 GHz:20MHz 802.11b: -91.5 dBm(1 Mbps) 802.11g: -88.5 dBm(6 Mbps), -71 dBm(54 Mbps) 802.11n: -88dBm(MCS0), -69 dBm(MCS7) 5 GHz:20MHz 802.11n: -92 dBm(MCS0), -71 dBm(MCS7) 802.11a: -89 dBm(6 Mbps), -74 dBm(54 Mbps) 802.11ac: -89dBm(MCS0), -65dBm(MCS8)
Operating Temperature	-10 °C to +40 °C (14 °F to 113 °F)
Operating Humidity	5% to 95% Noncondensing
Certifications	CE
Wireless	
OFDMA	-
MU-MIMO	✓
BSS Coloring	-
Maximum Number of SSIDs	6
SSID Hiding	✓
Band Steering	✓
Guest Wi-Fi	✓
WPA/WPA2	✓
WPA3	✓
Roaming	Layer 2 Roaming
Blacklist	✓
Reyee Mesh	✓
Mesh Pairing by Hardware	✓
Mesh Pairing by Mesh Button	✓
Mesh Pairing by Eweb	✓
Recommended Hop Count	≤5

Specifications

Wireless	
Wi-Fi Optimization	✓
QoS (WMM)	✓
WPS	-
Transmission Power Adjustment	✓

Hardware	
CPU	MT7621DA
Flash	16 MB
RAM/SDRAM	128 M Byte
Color	Black
System LED Indicator	✓
Reyee Mesh LED Indicator	✓
Reyee Mesh Button	✓
Power Button	-
Reset Button	✓
DC Connector Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 9.0 mm (Outer Diameter: 0.22 in. Inner Diameter: 0.08 in. Length: 0.354 in.)

WAN	
Static IP	✓
DHCP	✓
PPPoE	✓
Learning PPPoE Account & Password	✓
VLAN Tagging	✓

/ Specifications

LAN	
DHCP Server	✓
Client List	✓
Static IP Assignment	✓
Port-Based Flow Control	✓

Features	
TR069	✓
IPv6	✓
DDNS	✓
IPTV	✓
Alarm	✓
Diagnosis	✓
UPnP	✓
ARP Binding	✓
Port Mapping	✓
DMZ Host	✓
Rate Limitation of Terminals	✓
Hardware Acceleration	✓
MAC Address Cloning	✓
Cloud Management	✓
Repeater Mode	✓
WISP Mode	✓

Security	
PPTP VPN Server	✓
PPTP VPN Client	✓

/ Specifications

System	
L2TP VPN Client	-
Parental Control	Time Schedule
Protect TCP Flood Attacks	✓
Protect ICMP Attacks	-
Protect UDP Flood Attacks	-

System	
Default Access/Password	192.168.110.1 No Password Required by Default
URL Access	✓
Local Upgrade	✓
Online Upgrade	✓
APP Upgrade	✓
Syslog	✓
Backup	✓
Factory Reset	✓
Language	Chinese English Vietanmese Turkish Indonesian Thai traditioanl Chinese Spanish Russian Arabic Ukrainian Czech Italian

/ Package Contents

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RUIJIE | Reyee

Redefine your easy network

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