

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.

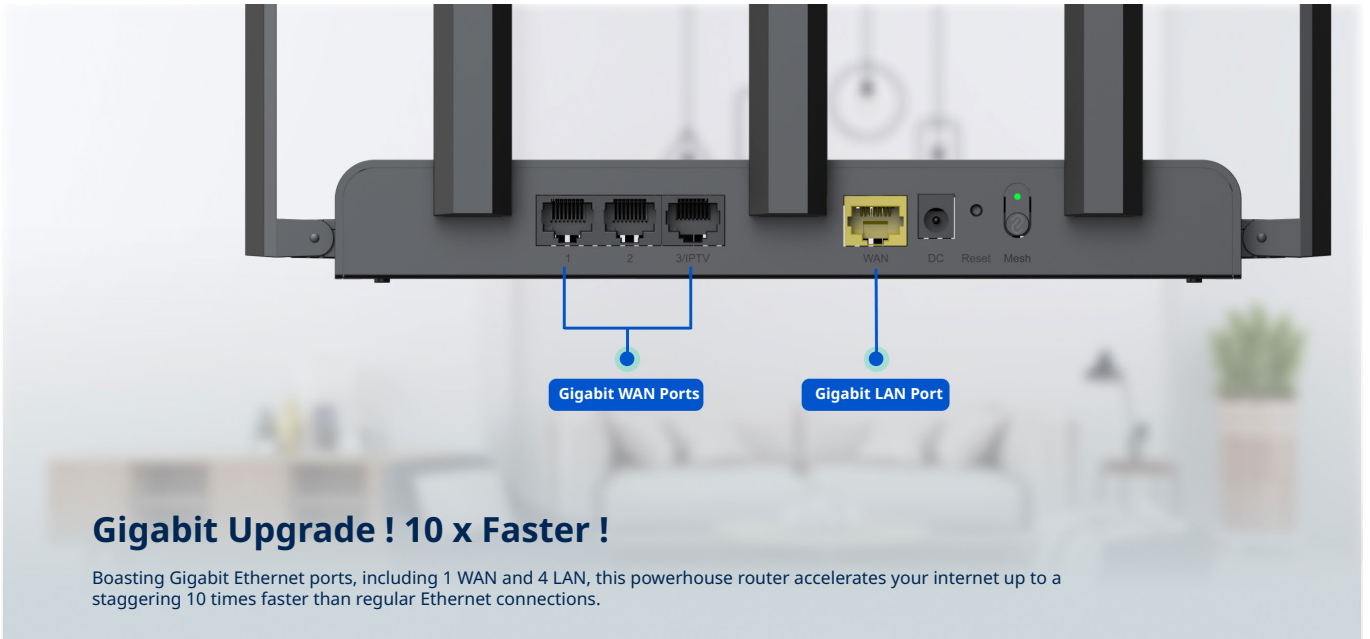


Concurrently Support Multiple Devices Connection

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



Highlight Features

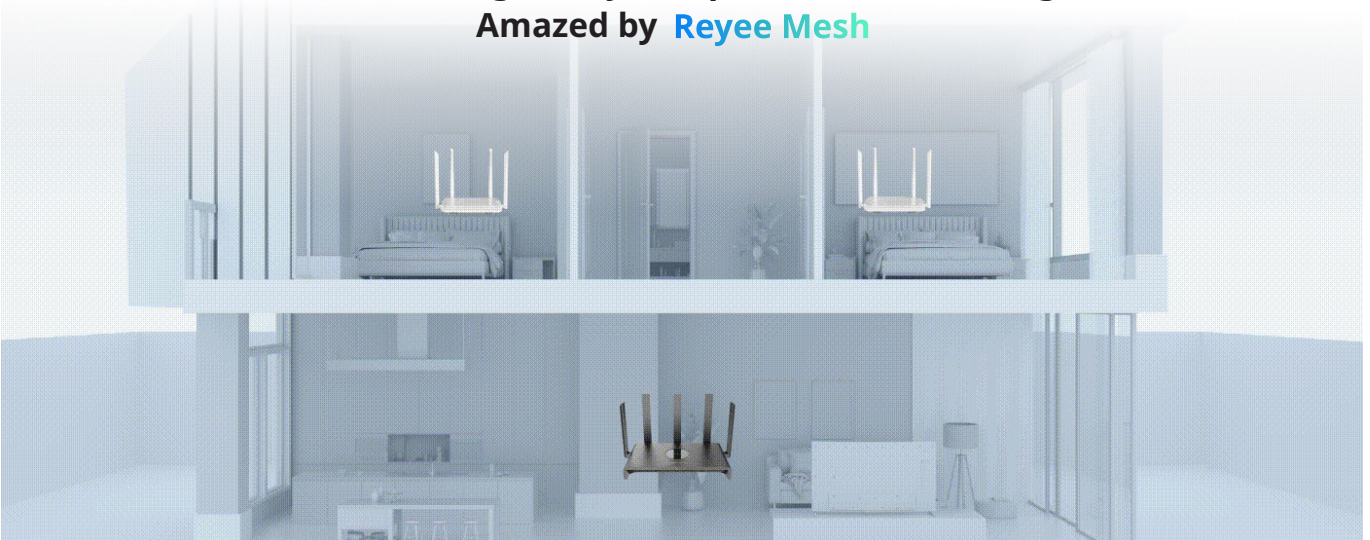


The image shows the back panel of a black Ruijie router. On the left, there are three Ethernet ports labeled 1, 2, and 3/PoE. On the right, there is a yellow WAN port, a DC power jack, a Reset button, and a Mesh button. Blue lines connect the WAN port to a label 'Gigabit WAN Ports' and the LAN ports to a label '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



2004
Wireless Protected Access I



2018
Wireless Protected Access II

Guest Wi-Fi

Guest Wi-Fi speed limit & Guest Wi-Fi isolator



Advanced functions make your network

Simpler

Safer

Agiler

Advanced Parental Controls

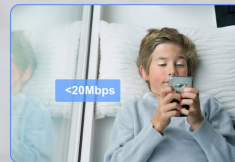
Time limit

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



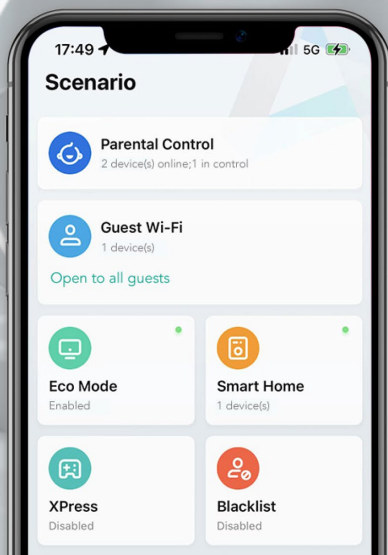
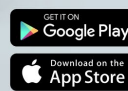
Take Control of Your Home Network at Fingertips

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



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: ≤20dBm (2.4GHz) ≤27dBm (5GHz) ≤20dBm 2400~2483.5MHz(Bluetooth) Myanmar: 2400~2483.5MHz ≤ 20dBm(EIRP) ; 5150~5350MHz ≤ 23dBm(EIRP) ; 5470~5725MHz ≤ 30dBm(EIRP) ; 5725~5850MHz ≤ 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 Vietnamese Turkish Indonesian Thai traditioanl Chinese Spanish Russian Arabic Ukrainian Czech Italian

Package Contents

Package Information	RG-EW1300G
Wireless Router	1
Power Adapter	1
Quick Start Guide	1
Warranty Card	1
Cat5E UTP Cable	1

Ruijie | Rcycc

 **Redefine your easy network**

Copyright ©2000-2024 Ruijie Networks Co., Ltd. All rights reserved.

No part of this document may be reproduced or transmitted in any form or any means without prior written consent of Ruijie Networks Co., Ltd.

Notice

This content is applicable only to regions outside the China mainland. Ruijie Networks Co., Ltd. reserves the right to interpret this content.

The information contained herein is subject to change without notice. Nothing herein should be construed as constituting an additional warranty. Ruijie Networks Co., Ltd. shall not be liable for technical or editorial errors or omissions contained herein.



Ruijie Networks Co., Ltd.
Website: <https://reyee.ruijie.com/en-global>