

# 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.

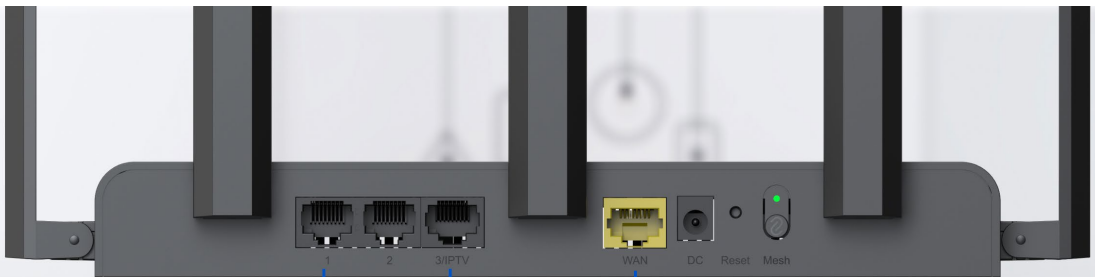


### Concurrently Support Multiple Devices Connection

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



## Highlight Features

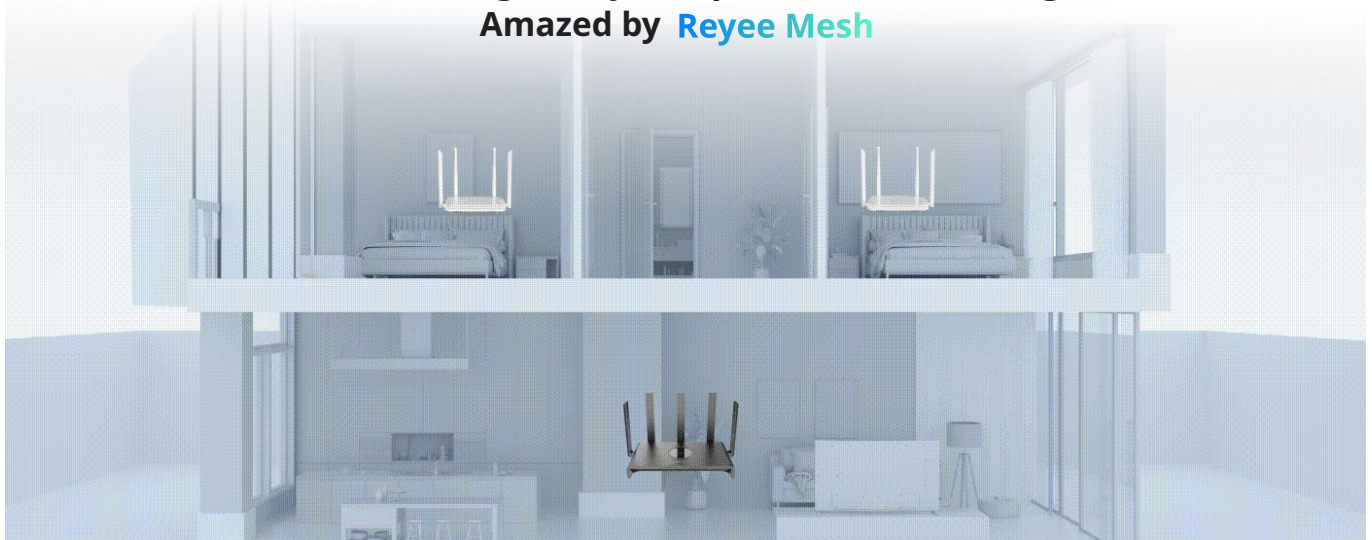


The image shows the back panel of a black Ruijie router. It features four Gigabit Ethernet ports on the left, labeled '2' and '3/IFTV'. To the right is a single yellow Gigabit WAN port, a DC power jack, a reset button, and a mesh button. Blue lines connect the labels 'Gigabit WAN Ports' and 'Gigabit LAN Port' to their respective ports on the router.

### 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

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### WPA3

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



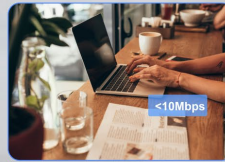
2004  
Wireless Protected Access I



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

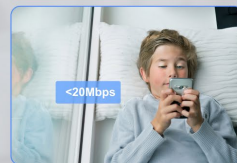
#### Time limit

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



### 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

## 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.



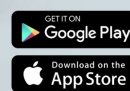
Remote Management



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	
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

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 **R**edefine your **e**asy network

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