

# 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.

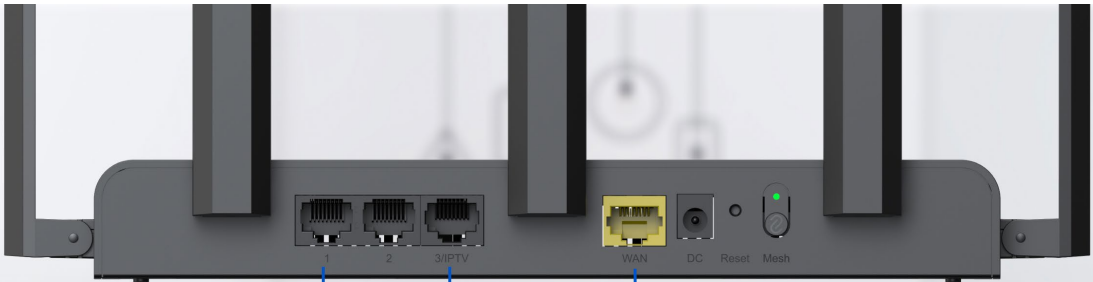


### Concurrently Support Multiple Devices Connection

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



## Highlight Features

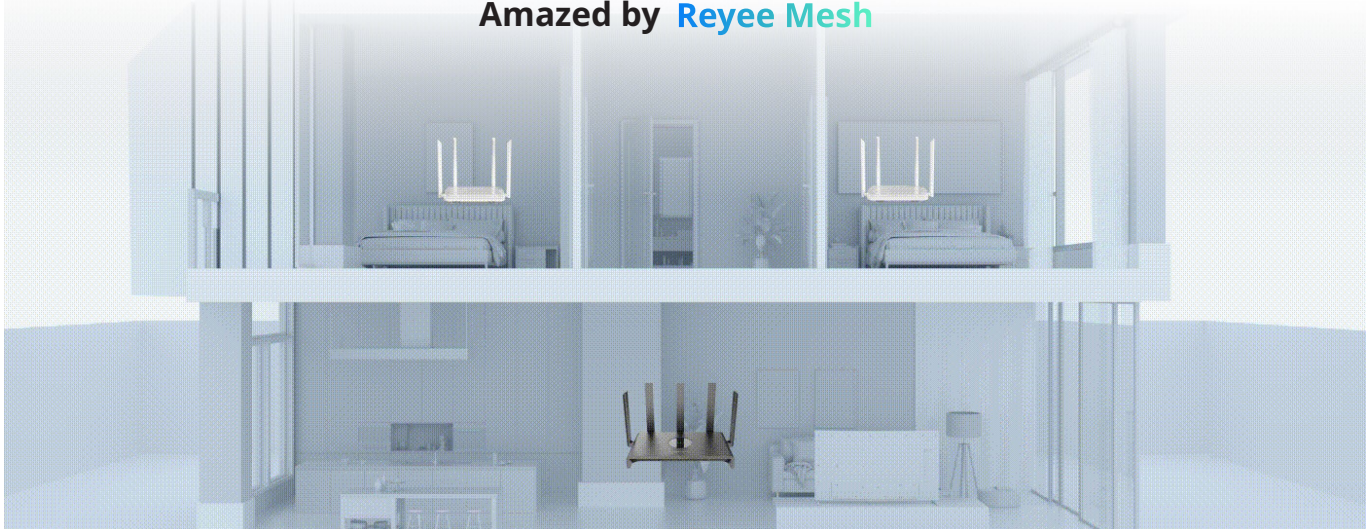


The image shows the back panel of a black Ruijie router. It features three Ethernet ports labeled 1, 2, and 3/PTV, a yellow WAN port, a DC power jack, a Reset button, and a Mesh button. Blue lines connect the first three ports to a label 'Gigabit WAN Ports' and the yellow WAN port to a label 'Gigabit 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

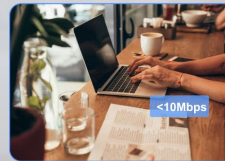


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Wireless Protected Access II

### Guest Wi-Fi

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



## Advanced functions make your network

Simpler

Safer

Agiler

### Advanced Parental Controls

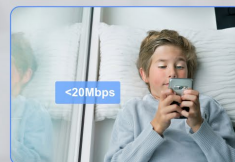
#### Time limit

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



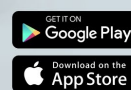
## Take Control of Your Home Network at Fingertips

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

| Model                     | RG-EW1300G  |
|---------------------------|---|
| Basic                     |   |
| Dimensions (W×D×H)        | 230 mm × 130 mm × 30 mm<br>(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<br>5 GHz, 2×2, MU-MIMO  |
| Max. Wi-Fi Speed          | 2.4 GHz: 400 Mbps<br>5 GHz: 867 Mbps  |
| Channel Width             | 2.4 GHz: Auto/20/40 MHz<br>5 GHz: Auto/20/40/80MHz  |
| Antennas                  | 5   |
| Antennas Type             | External Omnidirectional  |
| Antennas Gain             | 2.4 GHz: 4.5 dBi<br>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<br>802.11a/n/ac: 5.150 GHz to 5.350 GHz<br>802.11a/n/ac: 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz<br>country-specific restrictions apply |
| Transmit Power            | General:<br>CE EIRP: ≤20dBm (2.4GHz)<br>≤27dBm (5GHz)   |

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|-------------------------|---|
|                         | Myanmar:<br>2400~2483.5MHz ≤ 20dBm(EIRP);<br>5150~5350MHz ≤ 23dBm(EIRP);<br>5470~5725MHz ≤ 30dBm(EIRP);<br>5725~5850MHz ≤ 30dBm(EIRP);  |
| Receive Sensitivity     | 2.4 GHz:20MHz<br>802.11b: -91.5 dBm(1 Mbps)<br>802.11g: -88.5 dBm(6 Mbps), -71 dBm(54 Mbps)<br>802.11n: -88dBm(MCS0), -69 dBm(MCS7)<br>5 GHz:20MHz<br>802.11n: -92 dBm(MCS0), -71 dBm(MCS7)<br>802.11a: -89 dBm(6 Mbps), -74 dBm(54 Mbps)<br>802.11ac: -89dBm(MCS0), -65dBm(MCS8) |
| Operating Temperature   | -10 °C to +40 °C (14 °F to 104 °F)  |
| Operating Humidity      | 5% to 95% Noncondensing   |
| Certifications          | CE  |
| Wireless                |   |
| OFDMA                   | -   |
| MU-MIMO                 | Support   |
| BSS Coloring            | -   |
| Maximum Number of SSIDs | 6   |
| SSID Hiding             | Support   |
| Band Steering           | Support   |
| Guest Wi-Fi             | Support   |
| WPA/WPA2                | Support   |
| WPA3                    | Support   |
| Roaming                 | Layer 2 Roaming   |
| Blocklist               | Support   |
| Reyee Mesh              | Support   |

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|-------------------------------|--|
| Mesh Pairing by Hardware      | Support  |
| Mesh Pairing by Mesh Button   | Support  |
| Mesh Pairing by Eweb          | Support  |
| Recommended Hop Count         | ≤5   |
| Wi-Fi Optimization            | -  |
| QoS (WMM)                     | Support  |
| WPS                           | -  |
| Transmission Power Adjustment | Support  |
| Hardware                      |  |
| CPU                           | MT7621DA   |
| Flash                         | 16 MB  |
| RAM/SDRAM                     | 128 M Byte   |
| Color                         | Black  |
| System LED Indicator          | Support  |
| Reyee Mesh LED Indicator      | Support  |
| Reyee Mesh Button             | Support  |
| Power Button                  | -  |
| Reset Button                  | Support  |
| DC Connector Dimensions       | Outer Diameter: 5.5 mm<br>Inner Diameter: 2.1 mm<br>Length: 9.0 mm<br>(Outer Diameter: 0.22 in.<br>Inner Diameter: 0.08 in.<br>Length: 0.354 in. ) |
| WAN                           |  |
| Static IP                     | Support  |
| DHCP                          | Support  |

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|-----------------------------------|------------|
| PPPoE                             | Support    |
| L2TP                              | Support    |
| Learning PPPoE Account & Password | Support    |
| VLAN Tagging                      | Support    |
| LAN                               |            |
| DHCP Server                       | Support    |
| Client List                       | Support    |
| Static IP Assignment              | Support    |
| Port-Based Flow Control           | Support    |
| Features                          |            |
| TR069                             | Support    |
| Preset                            | Support    |
| IPv6                              | Support    |
| DDNS                              | Support    |
| IPTV                              | Support    |
| Alarm                             | Support    |
| Diagnosis                         | Support    |
| UPnP                              | Support    |
| ARP Binding                       | Support    |
| Port Mapping                      | Support    |
| DMZ Host                          | Support    |
| Rate Limitation of Terminals      | Support    |
| Hardware Acceleration             | Support    |
| MAC Address Cloning               | Support    |
| Cloud Management                  | Support    |



| Model                     | RG-EW1300G  |
|---------------------------|---|
| Repeater Mode             | Support   |
| WISP Mode                 | Support   |
| AP Mode                   | Support   |
| Security                  |   |
| PPTP VPN Server           | -   |
| PPTP VPN Client           | Support   |
| L2TP VPN Client           | -   |
| Parental Control          | Time Schedule   |
| Protect TCP Flood Attacks | Support   |
| Protect ICMP Attacks      | -   |
| Protect UDP Flood Attacks | -   |
| System                    |   |
| Default Access/Password   | 192.168.110.1<br>No Password Required by Default  |
| URL Access                | Support   |
| Local Upgrade             | Support   |
| Online Upgrade            | Support   |
| APP Upgrade               | Support   |
| Syslog                    | Support   |
| Backup                    | Support   |
| Factory Reset             | Support   |
| Language                  | Chinese<br>English<br>Vietnamese<br>Turkish<br>Indonesian<br>Thai<br>traditioanl Chinese<br>Spanish |

| Model               | RG-EW1300G   |
|---------------------|--|
|                     | Russian<br>Arabic<br>Ukrainian<br>Czech<br>Italian |
| Package Contents    |  |
| Package Information | RG-EW1300G   |
| Wireless Router     | 1  |
| Power Adapter       | 1  |
| Quick Start Guide   | 1  |
| Warranty Card       | 1  |
| Cat5E UTP Cable     | 1  |



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

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