

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

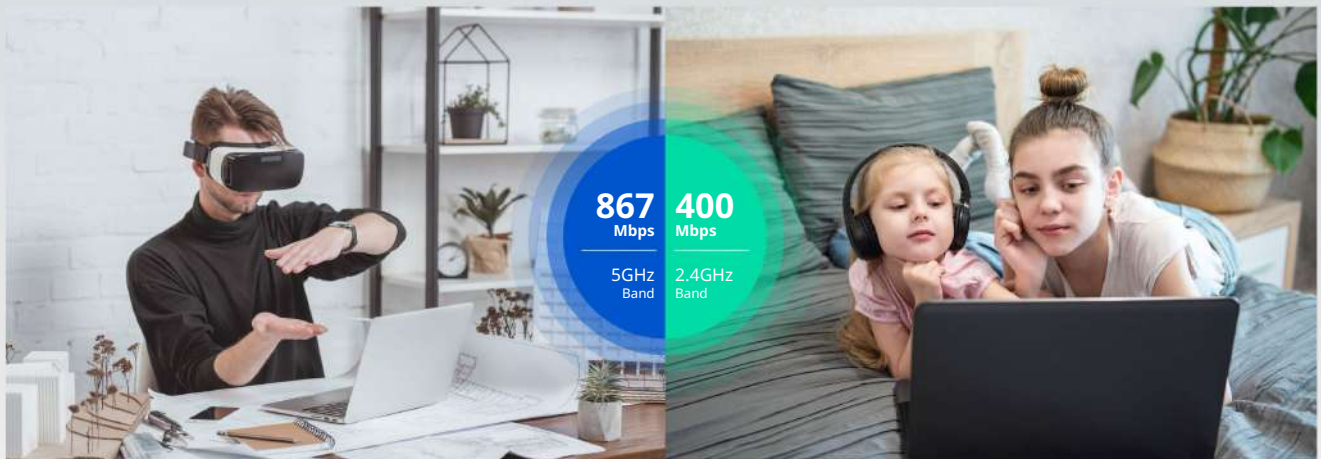


1267 Mbps



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.

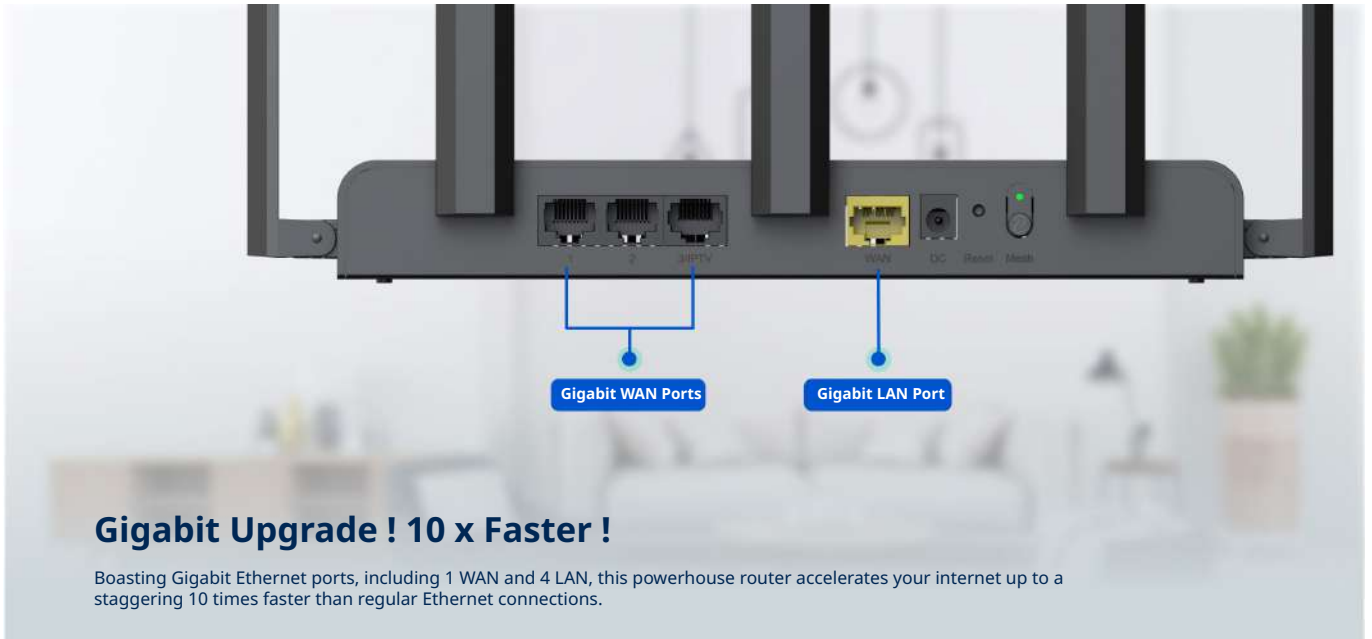


Concurrently Support Multiple Devices Connection

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



Highlight Features

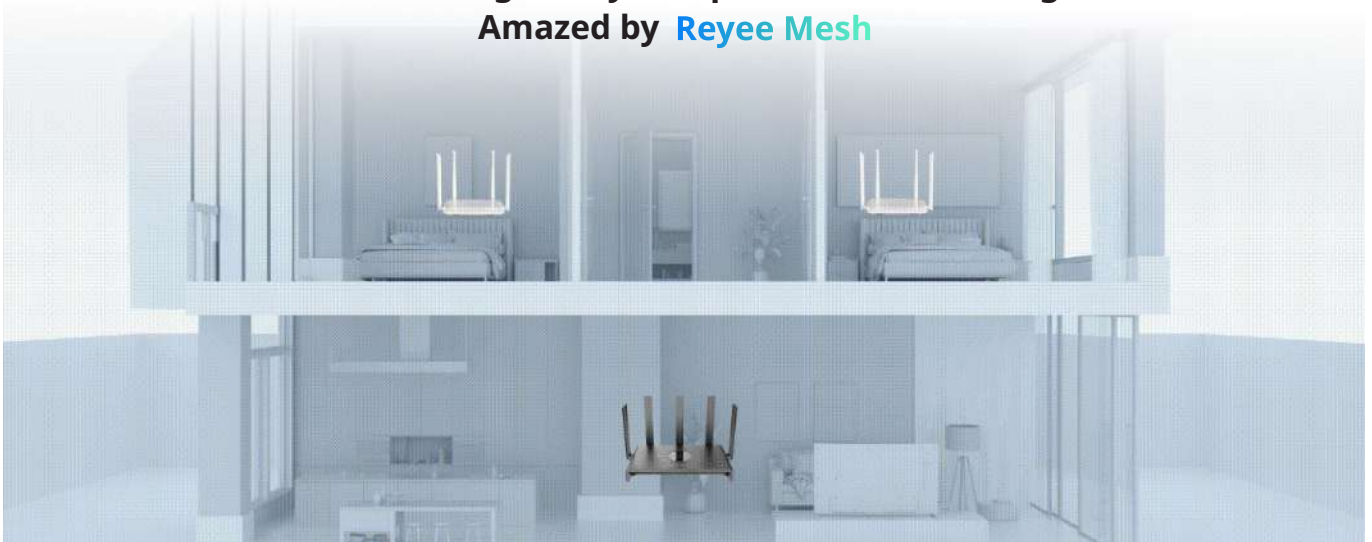


The image shows the back panel of a black Ruijie router. On the left, there are four Ethernet ports labeled 1, 2, 3, and 4. On the right, there is a yellow WAN port, a DC power jack, and a power button. Blue lines connect the WAN and LAN ports to labels: 'Gigabit WAN Ports' and 'Gigabit LAN Port'.

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**

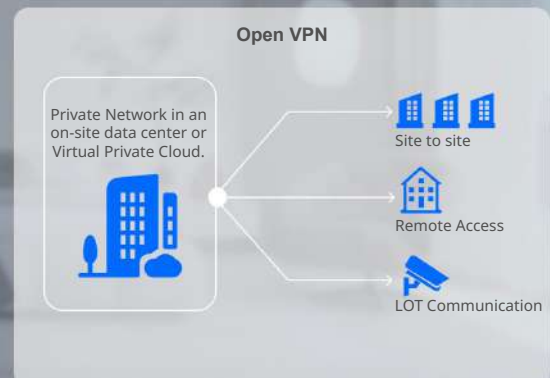
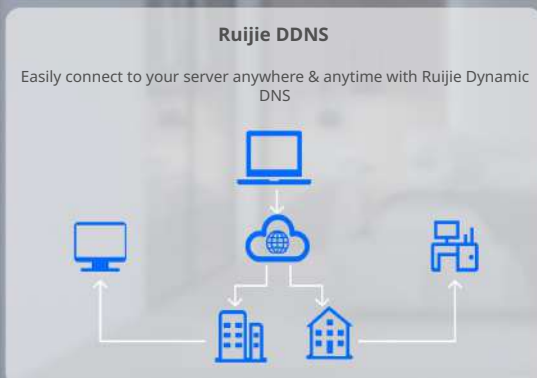


Advanced functions make your network

Simpler

Safer

Agiler



Highlight Features

Advanced functions make your network

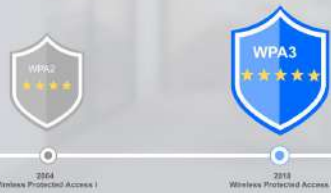
Simpler

Safer

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WPA3

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



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 (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 |
| Antennas 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) |

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|-------------------------|---|
| | Myanmar: 2400~2483.5MHz ≤ 20dBm(EIRP); 5150~5350MHz ≤ 23dBm(EIRP); 5470~5725MHz ≤ 30dBm(EIRP); 5725~5850MHz ≤ 30dBm(EIRP); |
| 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 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 |

| Model | RG-EW1300G |
|-------------------------------|--|
| Mesh Pairing by Hardware | Support |
| Mesh Pairing by Mesh Button | Support |
| Mesh Pairing by Eweb | Support |
| Recommended Hop Count | ≤5 |
| Wi-Fi Optimization | Support |
| 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 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 | Support |
| DHCP | Support |

| Model | RG-EW1300G |
|-----------------------------------|------------|
| 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 |
| 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 |
| Repeater Mode | Support |

| Model | RG-EW1300G |
|---------------------------|--|
| 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 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 English Vietnamese Turkish Indonesian Thai traditioanl Chinese Spanish Russian |

| Model | RG-EW1300G |
|----------------------------|---|
| | 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 | **Reyee**

 **R**edefine your **e**asy **n**etwork

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