

# RG-EW1200G PRO

## 1267Mbps Dual-band Gigabit Wireless Router

DATASHEET



### Highlights

- Support 802.11ac wave2
- 6 Omnidirectional antennas with signal amplifiers extend and concentrate the Wi-Fi signals
- MU-MIMO technology, concurrently support 96 devices connection
- ReYee Mesh is your full space coverage Wi-Fi solution
- Easy network management at your fingertips with ReYee Router App

# Highlight Features

RG-EW1200G PRO

## Enjoy Family Moment with a Superior Internet

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



## Strong WiFi Signal Throughout Your Home



FEM design

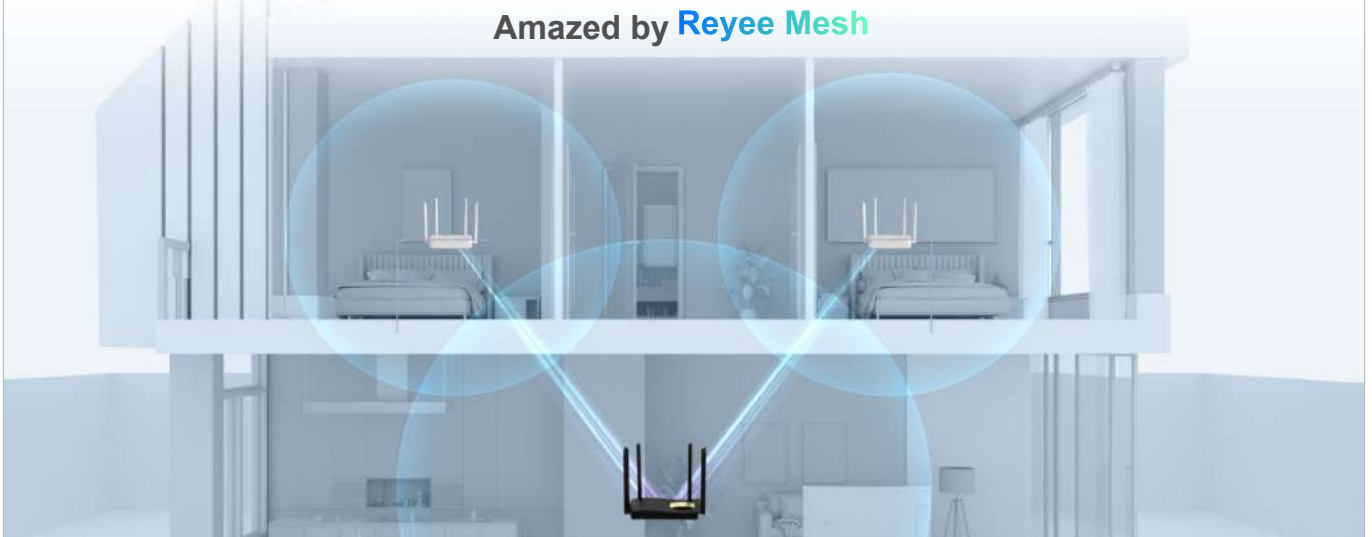


6dBi omnidirectional antennas



## Full Coverage, Easy Setup, Seamless Roaming

Amazed by **Reyee Mesh**



# Highlight Features

## Good Helper for Your Family Management

**Parental Control**    Health Mode

Ruijie Cloud App allows you to manage the internet access authority of the specified terminal, including the time limit, URL blocking and black/white list setup.

Parental Control    **Health Mode**

The health mode limits the radiation exposure and blacks out the indicator lights for you to have a good sleep.



## 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.



## 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.



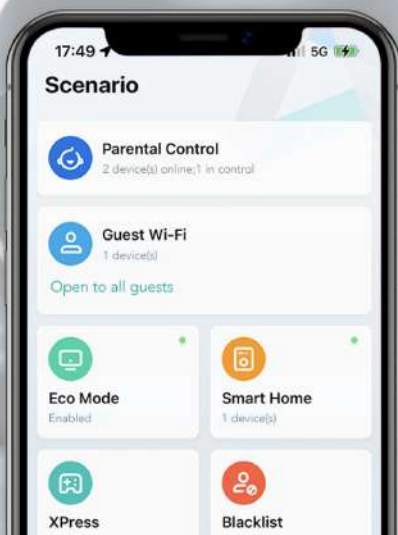
Remote Reboot



Xpress Mode



Share Network



## Specifications

### Basic

|                           |   |
|---------------------------|---|
| Dimensions ( W×D×H )      | 220 mm x 140 mm x 36 mm<br>(8.67 in. × 5.51 in. × 1.42 in. antennas not included)   |
| Weight                    | 0.55 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/20/40/80 MHz   |
| Antennas                  | 6   |
| Antennas Type             | External Omnidirectional  |
| Antenna Gain              | 2.4 GHz: 6 dBi<br>5 GHz: 6 dBi  |
| WAN Port                  | 1×10/100/1000 Base-T Port   |
| LAN Ports                 | 3×10/100/1000 Base-T Ports  |
| Recommended Users         | 32  |
| Max. Users                | 96  |
| Power Supply              | DC 12V/1.5A   |
| Power Consumption         | ≤15W  |
| 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            | Regular:<br>CE EIRP: ≤20 dBm (2.4 GHz)<br>≤27 dBm (5 GHz)   |
| Operating Temperature     | 0 °C to +45 °C (32 °F to 113 °F)  |
| Operating Humidity        | 5% to 95% Noncondensing   |
| Certifications            | CE,RoHS   |

## Specifications

| 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              |
| Wi-Fi Optimization            | ✓               |
| QoS (WMM)                     | ✓               |
| WPS                           | -               |
| Transmission Power Adjustment | ✓               |
| Hardware                      |                 |
| CPU                           | MT7621          |
| Flash                         | 16 MB           |

# Specifications

## Hardware

|                          |  |
|--------------------------|--|
| RAM/SDRAM                | 128 MB   |
| Color                    | Black  |
| System LED Indicator     | ✓  |
| Reyee Mesh LED Indicator | -  |
| Reyee Mesh Button        | ✓  |
| Power Button             | -  |
| Reset Button             | ✓  |
| DC Connector Dimensions  | 5.5 mm x 2.1 mm x 9 mm<br>(0.22 in. x 0.08 in. x 0.35 in. antennas not included) |

## WAN

|                                   |   |
|-----------------------------------|---|
| Static IP                         | ✓ |
| DHCP                              | ✓ |
| PPPoE                             | ✓ |
| Learning PPPoE Account & Password | ✓ |
| VLAN Tagging                      | ✓ |

## LAN

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

## Features

|      |   |
|------|---|
| IPv6 | ✓ |
| DDNS | ✓ |
| IPTV | ✓ |

## Specifications

### Features

|                              |   |
|------------------------------|---|
| 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           | ✓ |
| L2TP VPN Client           | - |
| Parental Control          | ✓ |
| Protect TCP Flood Attacks | ✓ |
| Protect ICMP Attacks      | ✓ |
| Protect UDP Flood Attacks | ✓ |

### System

|                         |  |
|-------------------------|--|
| Default Access/Password | 192.168.110.1<br>No Password Required by Default |
| URL Access              | ✓  |

## Specifications

| System         |   |
|----------------|---|
| Local Upgrade  | ✓   |
| Online Upgrade | ✓   |
| APP Upgrade    | ✓   |
| Syslog         | -   |
| Backup         | ✓   |
| Factory Reset  | ✓   |
| Language       | Chinese<br>English<br>Vietnamese<br>Indonesian<br>Thai<br>Arabic<br>Traditional Chinese<br>Spanish<br>Russian |

## Package Contents

| Model             | RG-EW1200G PRO |
|-------------------|----------------|
| Wireless Router   | 1              |
| Power Adapter     | 1              |
| Quick Start Guide | 1              |
| Cat5E UTP Cable   | 1              |



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 Redefine your easy network



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