

# RG-EW1200

## 1200Mbps Dual-band Gigabit Wireless Router

DATASHEET



### Highlights

- Support 802.11ac wave2
- 4 Omnidirectional antennas provide strong Wi-Fi signal
- Concurrently support up to 96 devices connection
- ReYee Mesh builds up flexible multi-solutions for your network
- Easy network management at your fingertips with ReYee Router App

## Highlight Features

RG-EW1200

AC1200  
is Ready for You



4 Gigabit  
Ethernet ports



802.11ac  
Wave2



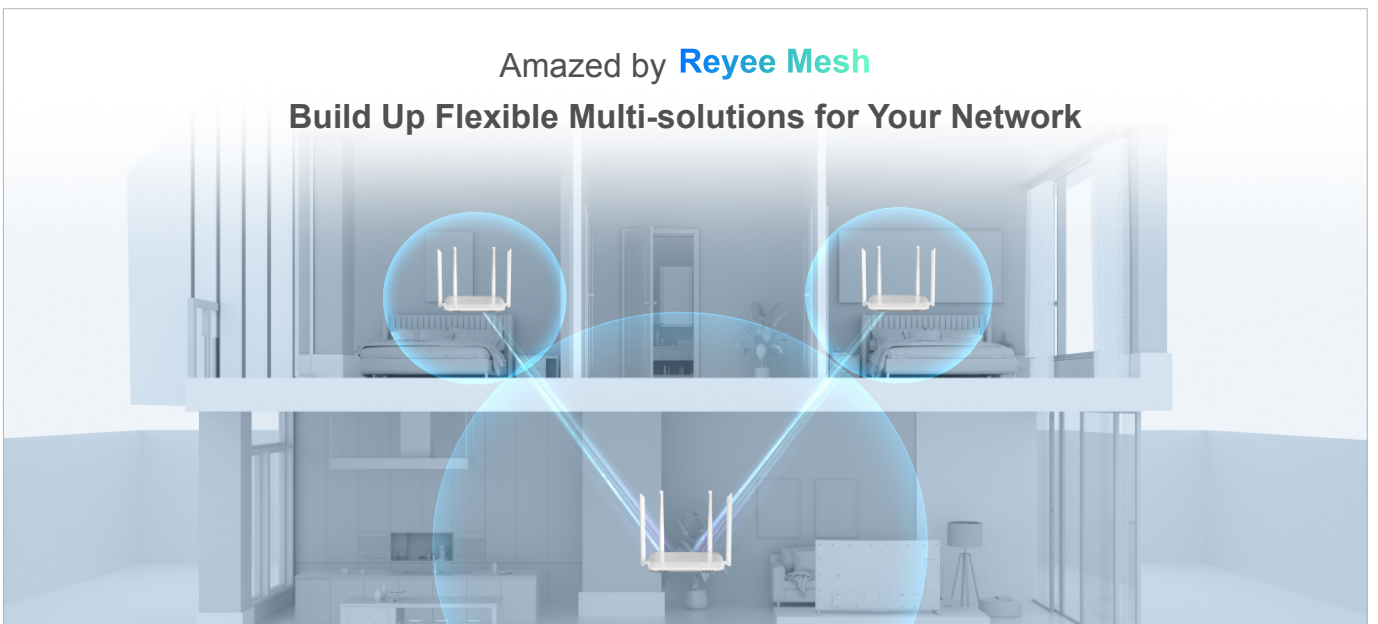
### Strong Signal Cover All Types of Floor Plan

4 omnidirectional antennas guarantees you efficient and stable connections



Amazed by **Reyee Mesh**

Build Up Flexible Multi-solutions for Your Network



# 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 Your 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.



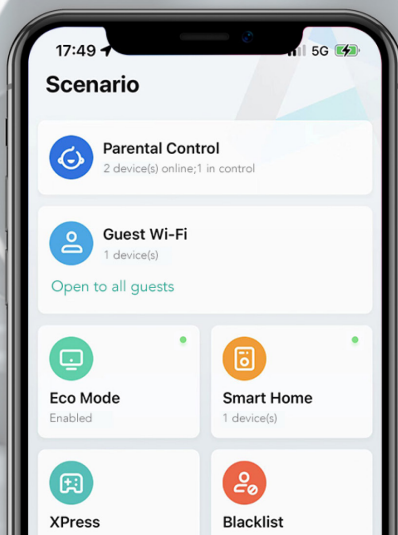
Remote Reboot



Xpress Mode



Share Network



# Specifications

## Basic

|                           |   |
|---------------------------|---|
| Dimensions ( W×D×H )      | 182 mm x 120 mm x 32 mm<br>(7.17 in. × 4.72 in. × 1.26 in. antennas not included)   |
| Weight                    | 0.22 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: 300 Mbps<br>5 GHz: 867 Mbps  |
| Channel Width             | 2.4 GHz: Auto/20/40 MHz<br>5 GHz: Auto/20/40/80 MHz   |
| Antennas                  | 4   |
| Antennas Type             | External Omnidirectional  |
| Antenna Gain              | 2.4 GHz: 5 dBi<br>5 GHz: 5 dBi  |
| WAN Port                  | 1×10/100 Base-T Port  |
| LAN Ports                 | 3×10/100 Base-T Ports   |
| Recommended Users         | 24  |
| Max. Users                | 96  |
| Power Supply              | DC 12V/0.6A   |
| Power Consumption         | ≤8.2W   |
| 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   | MT7628 |
| Flash | 16M    |

# Specifications

## Hardware

|                          |   |
|--------------------------|---|
| RAM/SDRAM                | 64M   |
| Color                    | White   |
| 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 10 mm<br>(0.22 in. x 0.08 in. x 0.39 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-EW1200 |
|-------------------|-----------|
| 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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