

# Mesh Wi-Fi Extender RG-EW1200R

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## Variants

RG-EW1200R

## Details

The **Dual Band Wi-Fi Extender (Wi-Fi 5)** is designed to eliminate wireless dead zones and extend high-speed Wi-Fi coverage throughout homes, offices, hotels, classrooms, retail shops, apartments, and small businesses. Supporting the latest **Wi-Fi 5 (IEEE 802.11ac)** technology, it delivers combined wireless speeds of up to **1167Mbps** (300Mbps on 2.4GHz and 867Mbps on 5GHz) for smooth video streaming, online gaming, video conferencing, smart home devices, and high-speed internet access.

Equipped with **dual external antennas**, **FEM**, **EPA**, **Ruijie Cloud Management**, and **Reyee Mesh 3.0**, this wireless extender provides wider coverage, stronger signal penetration, seamless roaming, and reliable wireless performance for both residential and commercial networking environments.

Wireless Speed

**1167 Mbps**

Wi-Fi Band

**Dual Band**

Wi-Fi Standard

**Wi-Fi 5**

Management

**Ruijie Cloud**

## Key Features

? Dual-Band Wi-Fi 5 (IEEE 802.11ac)

? Combined Wireless Speed up to 1167Mbps

? 300Mbps (2.4GHz) + 867Mbps (5GHz)

? Dual External High-Gain Antennas

? High Performance FEM & EPA

? Ruijie Cloud Remote Management

? Reyee Mesh 3.0 Supported

? Easy Plug-and-Play Installation

## Hardware Specifications

| Category     | Specification                           |
|--------------|-----------------------------------------|
| Product Type | Dual Band Wireless Wi-Fi Range Extender |

| Category                     | Specification                     |
|------------------------------|-----------------------------------|
| <b>Wi-Fi Standard</b>        | Wi-Fi 5 (IEEE 802.11ac)           |
| <b>Frequency Band</b>        | 2.4 GHz & 5 GHz                   |
| <b>Wireless Speed</b>        | 300Mbps (2.4GHz) + 867Mbps (5GHz) |
| <b>Maximum Speed</b>         | 1167 Mbps                         |
| <b>Antennas</b>              | 2 × External Antennas             |
| <b>Antenna Gain (2.4GHz)</b> | 2 dBi                             |
| <b>Antenna Gain (5GHz)</b>   | 3 dBi                             |
| <b>Wi-Fi Radio</b>           | FEM                               |
| <b>Power Amplifier</b>       | EPA                               |

## Software & Management

| Category                       | Specification |
|--------------------------------|---------------|
| <b>Ruijie Cloud Management</b> | Supported     |
| <b>Reyee Mesh 3.0</b>          | Supported     |
| <b>IPv6</b>                    | Not Supported |

## Performance

| Parameter                           | Specification |
|-------------------------------------|---------------|
| Maximum Connected Clients (2.4GHz)  | 32 Devices    |
| Maximum Connected Clients (5GHz)    | 64 Devices    |
| Recommended Active Clients (2.4GHz) | 8 Devices     |
| Recommended Active Clients (5GHz)   | 16 Devices    |

## Package Contents

| Item                    | Qty |
|-------------------------|-----|
| Wireless Wi-Fi Extender | 1   |
| User Manual             | 1   |
| Warranty Card           | 1   |

## Applications

Home Wi-Fi Coverage Extension

Office Wireless Expansion

Hotels & Guest Houses

Retail Shops & Small Businesses

Schools & Classrooms

HD Video Streaming & Online Gaming

Smart Home & IoT Devices

Eliminate Wi-Fi Dead Zones

**Installation Recommendation:** This dual-band Wi-Fi extender supports both **2.4GHz and 5GHz** wireless networks with **Wi-Fi 5 (IEEE 802.11ac)**. Install the extender between your main router and the area with weak wireless coverage for optimal performance. For the best user experience, it is recommended for up to **8 active clients on 2.4GHz** and **16 active clients on 5GHz**. It supports **Ruijie Cloud Management** and **Reyee Mesh 3.0** for simplified network management and seamless wireless roaming.