

# 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



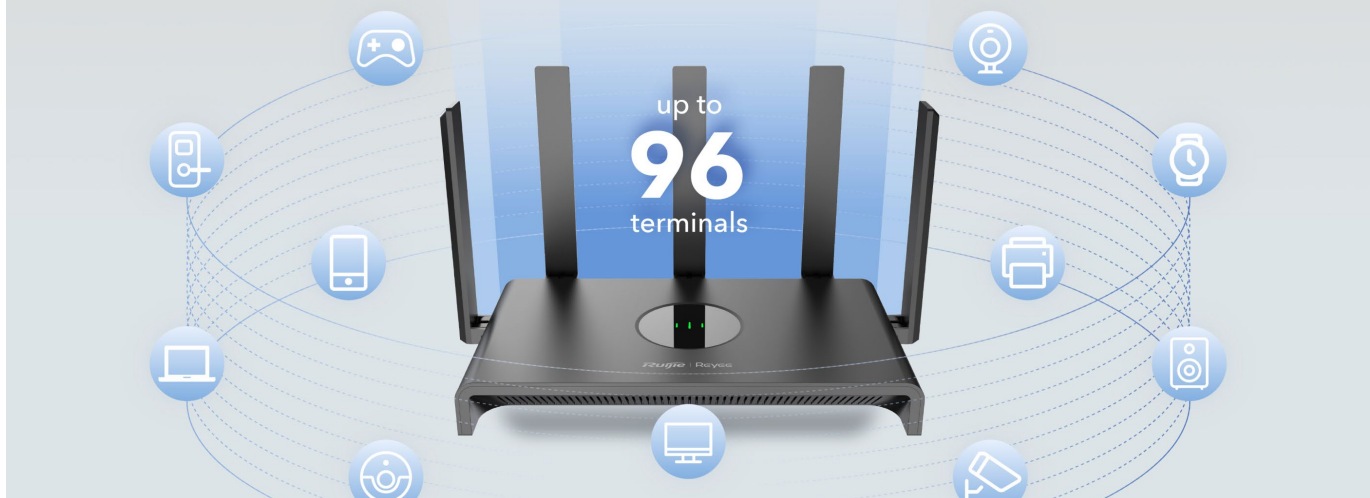
## AC1300 Dual Band WiFi Meets your Smooth Networks Needs

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.

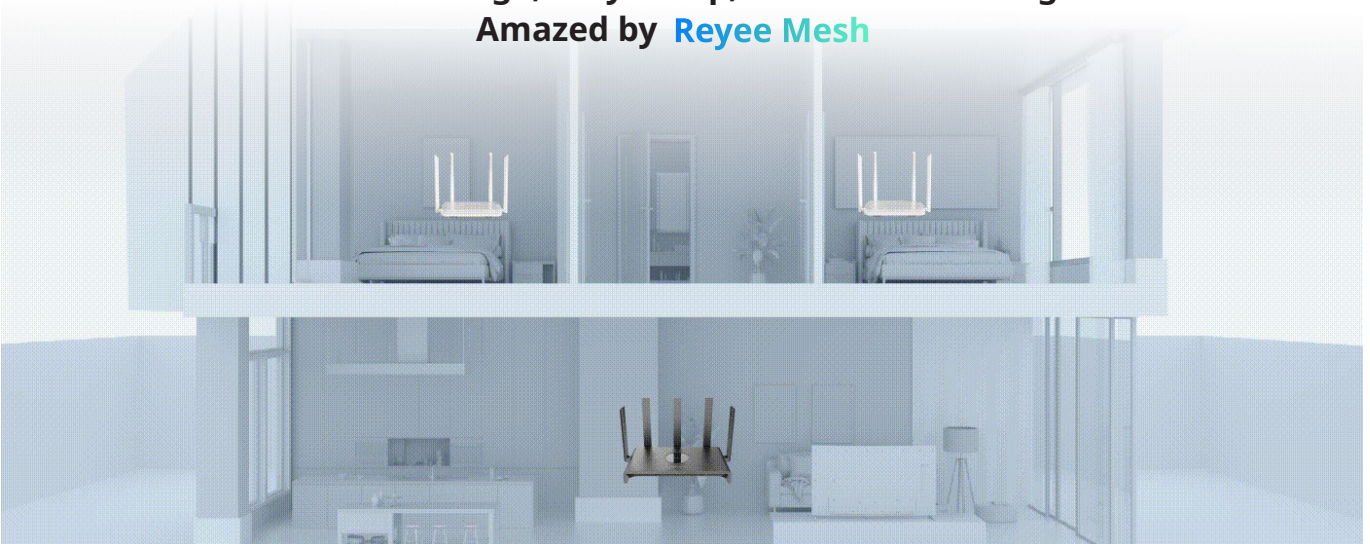


# Highlight Features

**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**

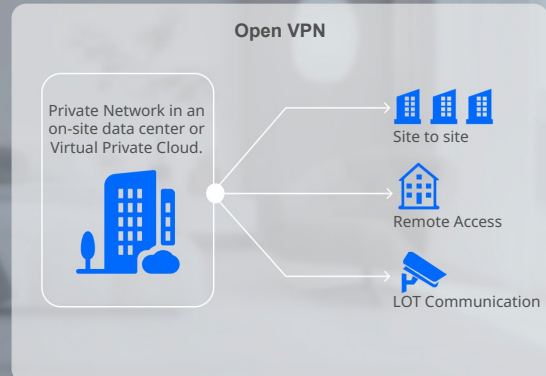
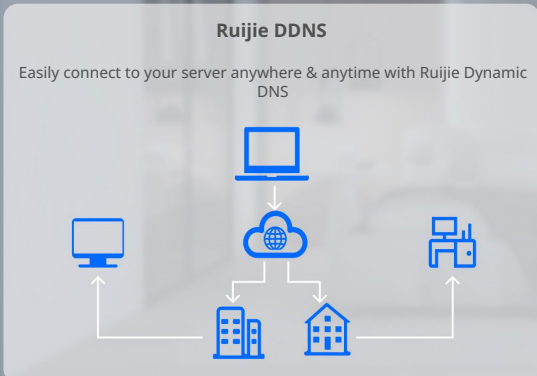


## Advanced functions make your network

Simpler

Safer

Agiler



# Highlight Features

## Advanced functions make your network

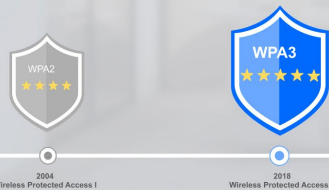
Simpler

**Safer**

Agiler

### 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



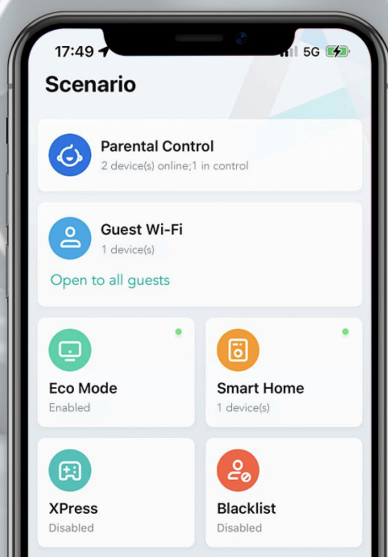
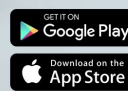
## Take Control of Your Home Network at Fingertips

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

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

# Specifications

## Basic

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 113 °F)
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Operating Humidity	5% to 95% Noncondensing
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Certifications	CE
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## Wireless

OFDMA	-
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MU-MIMO	✓
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BSS Coloring	-
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Maximum Number of SSIDs	6
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SSID Hiding	✓
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Band Steering	✓
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Guest Wi-Fi	✓
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WPA/WPA2	✓
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WPA3	✓
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Roaming	Layer 2 Roaming
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Blacklist	✓
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Reyee Mesh	✓
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Mesh Pairing by Hardware	✓
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Mesh Pairing by Mesh Button	✓
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Mesh Pairing by Eweb	✓
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Recommended Hop Count	≤5
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## Specifications

### Wireless

Wi-Fi Optimization	✓
QoS (WMM)	✓
WPS	-
Transmission Power Adjustment	✓

### Hardware

CPU	MT7621DA
Flash	16 MB
RAM/SDRAM	128 M Byte
Color	Black
System LED Indicator	✓
Reyee Mesh LED Indicator	✓
Reyee Mesh Button	✓
Power Button	-
Reset Button	✓

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. )

DC Connector Dimensions

### WAN

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

# Specifications

## LAN

DHCP Server ✓

Client List ✓

Static IP Assignment ✓

Port-Based Flow Control ✓

## Features

TR069 ✓

IPv6 ✓

DDNS ✓

IPTV ✓

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 ✓



# Specifications

## System

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

## System

Default Access/Password	192.168.110.1 No Password Required by Default
URL Access	✓
Local Upgrade	✓
Online Upgrade	✓
APP Upgrade	✓
Syslog	✓
Backup	✓
Factory Reset	✓

Language	Chinese English Vietnamese Turkish Indonesian Thai traditioanl Chinese Spanish Russian Arabic Ukrainian Czech Italian
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## Package Contents

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Quick Start Guide	1
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Cat5E UTP Cable	1

**Ruijie | Rcycc**

 **Redefine your easy network**

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