

# RG-EW3200GX PRO

## 3200Mbps Dual-band Wi-Fi 6

### Mesh Route

DATASHEET



## Highlights

- Next-Gen Gigabit Wi-Fi 6 Standard
- 4x4 Enterprise-level Chipset, better stability under heavy load
- 8 Antennas and 8 Signal Amplifiers, provide whole-home network coverage
- Exclusive ReYee Mesh solution, one click to mesh up multiple ReYee Mesh devices
- Take control of your home network at your fingertips

# Highlight Features



## Time for WiFi 6, Time for RG-EW3200GX PRO

RG-EW3200GX PRO, the **Red Dot Design Award 2021** winner. All-round upgrade of Wi-Fi performance, supported by **Tolly** certificate. Get your home ready for the Next-Gen Gigabit Wi-Fi 6!

 5 Gigabit Ethernet ports    3200M Dual-band    802.11ax

## Supported by 4x4 Enterprise Level Chips Enjoy Better Stability under Heavy Load

Tolly proofs that EW3200GX PRO demonstrates more stable network performance at multiple connections.

Source: Tolly Test Report #222123 May 2022



The figure contains two line graphs comparing network performance. The left graph, titled 'Ruijie Rayee EW3200GX PRO', shows a line that remains relatively flat and stable between 0 and 100 on the x-axis. The right graph, titled 'Other brand', shows a line with significant, frequent fluctuations and sharp peaks, indicating unstable performance under heavy load.



## Highlight Features

### Concurrently Support Multiple Devices Connection

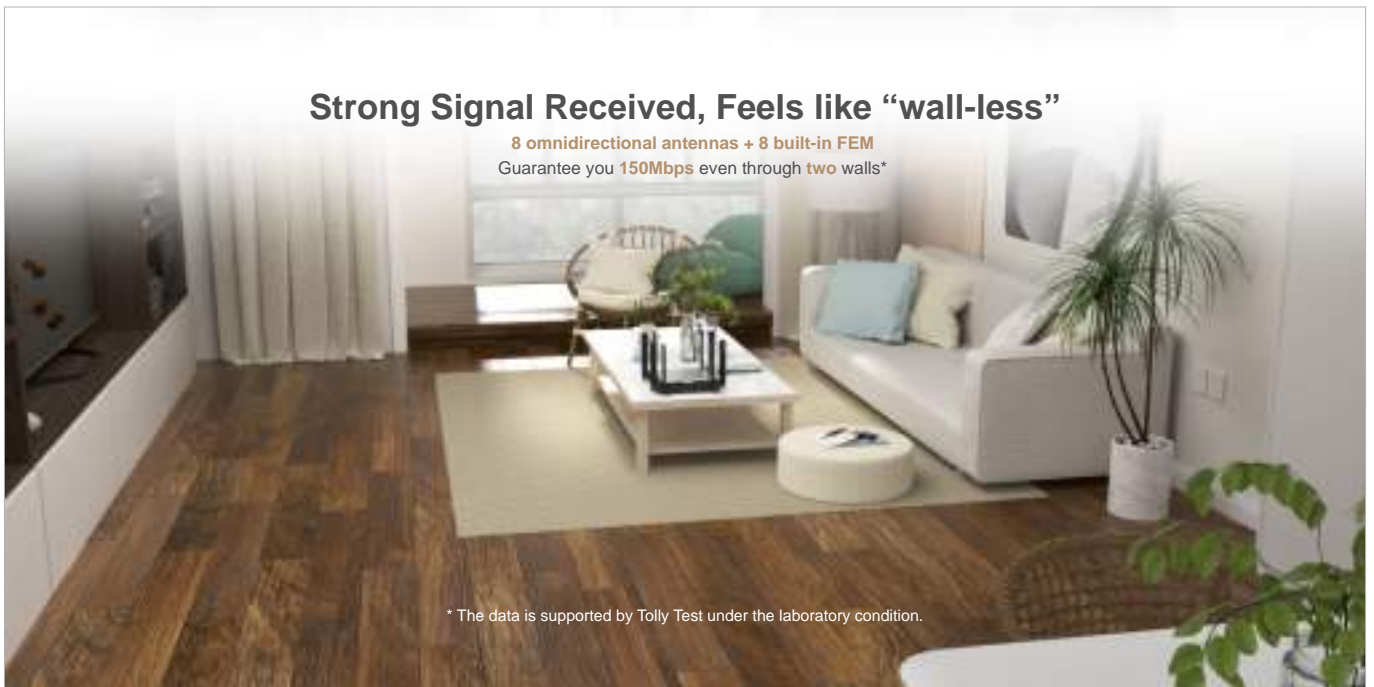
MU-MIMO together with OFDMA technology significantly improve network performance for multiple terminals



\*Data from Ruijie lab. Actual results may vary.

### Strong Signal Received, Feels like “wall-less”

8 omnidirectional antennas + 8 built-in FEM  
Guarantee you 150Mbps even through two walls\*



\* The data is supported by Tolly Test under the laboratory condition.

# Highlight Features

## Rocket Speed, Can't Wait

Equipped with Wi-Fi 6 technology like OFDMA, 1024 QAM, and the latest 802.11ax standard, 3200GX PRO reaches ultra fast speed, 3200Mbps, enhancing the overall networking experience for users.

### Wireless Rate under Real Test

2.4GHz

EW3200GX PRO

90% higher

Other brand 3000M product

5GHz

EW3200GX PRO

34% higher

Other brand 3000M product

\* The data is supported by Tolly Test under the laboratory condition.



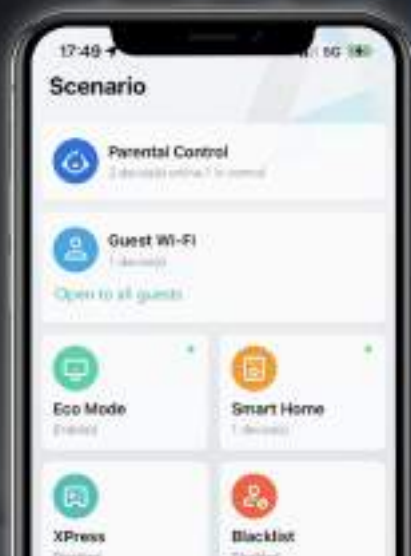
## Seamless Roaming, Full Space Coverage Wi-Fi Solutions

Amazed by **Reyee Mesh**



## 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
- Smart Home



# Specifications

## Basic

Dimensions (WxDxH)	190 mm x 190 mm x 41 mm (7.48 in. x 7.48 in. x 1.61 in. antennas not included)
Weight	0.8 kg (packages not included)
Wi-Fi Standards	Wi-Fi 6 (802.11ax)
MIMO	2.4 GHz, 4x4, MU-MIMO 5 GHz, 4x4, MU-MIMO
Max. Wi-Fi Speed	2.4 GHz: 800 Mbps 5 GHz: 2402 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80 MHz
Antennas	8
Antennas Type	External Omnidirectional
Antenna Gain	2.4 GHz: 5 dBi 5 GHz: 6 dBi
WAN Port	1x10/100/1000 Base-T Port
LAN Ports	4x10/100/1000 Base-T Ports
Recommended Users	60
Max. Users	192
Power Supply	DC 12V/2.5A
Power Consumption	≤36W
Operation Frequency Bands	802.11b/g/n: 2.400 GHz to 2.483 GHz 802.11a/n/ac/ax: 5.150 GHz to 5.350 GHz 802.11a/n/ac/ax: 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz country-specific restrictions apply
Transmit Power	Regular: CE EIRP: ≤20 dBm (2.4 GHz) ≤27 dBm (5 GHz)
Operating Temperature	-10 °C to +45 °C (14 °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	MT7622
Flash	16 MB

# Specifications

## Hardware

RAM/SDRAM	256 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 11.5 mm (0.22 in. x 0.08 in. x 0.45 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 No Password Required by Default
URL Access	✓



## Specifications

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

## Package Contents

Model	RG-EW3200GX PRO
Wireless Router	1
Power Adapter	1
Quick Start Guide	1
Cat5E UTP Cable	1

*Ruijie* | 睿 Rcycc

 Redefine your easy network



Ruijie Networks Co., Ltd  
Floor 11, East Wing, Zhongyipengao Plaza,  
No.29 Fuxing Road, Haidian District, Beijing China  
Website: <https://www.ruijienetworks.com>