

Ruijie | 睿眼Reyee

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

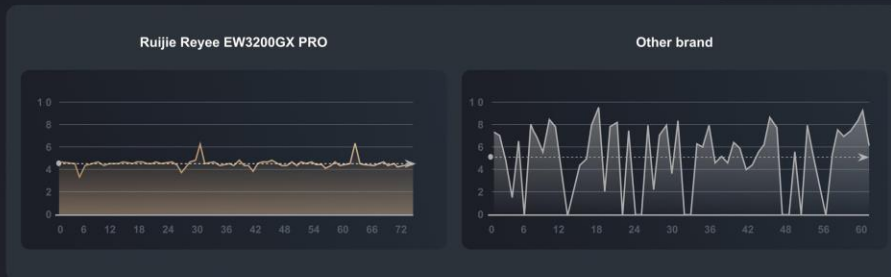
RG-EW3200GX PRO, the **Red Dot Design Award 2021** winner.
All-round upgrade of Wi-Fi performance, supported by **Tolly** certificate.
Get your home ready for the Next-Gen Gigabit Wi-Fi 6!

 5 Gigabit Ethernet ports  3200M Dual-band  802.11ax

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

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

Source: Tolly Test Report #222129, May 2022



Highlight Features

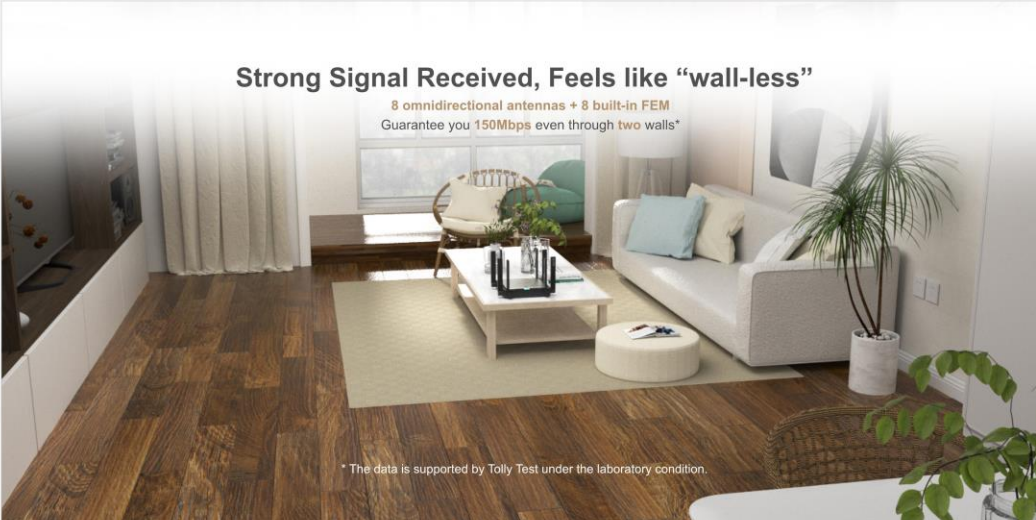
Concurrently Support Multiple Devices Connection
MU-MIMO together with OFDMA technology significantly improve network performance for multiple terminals

up to
192
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.

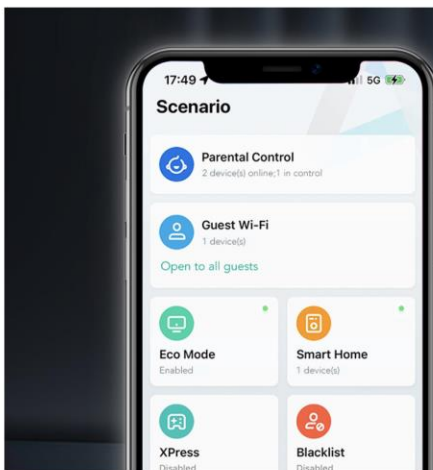
Seamless Roaming, Full Space Coverage Wi-Fi Solutions Amazed by **Reyee Mesh**



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

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

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

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

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 Redefine your easy network



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