

# RG-EW3200GX PRO

## AX3200 Wi-Fi 6 Dual-band Gigabit Mesh Router



### Highlights

- Next-generation gigabit Wi-Fi 6 standard
- Ultra-high-speed
- Strong signals received
- Exclusive Reyee mesh providing full-space-coverage Wi-Fi solution
- Better stability under heavy load
- Control of your home network at your fingertips

# Highlight Features



## 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

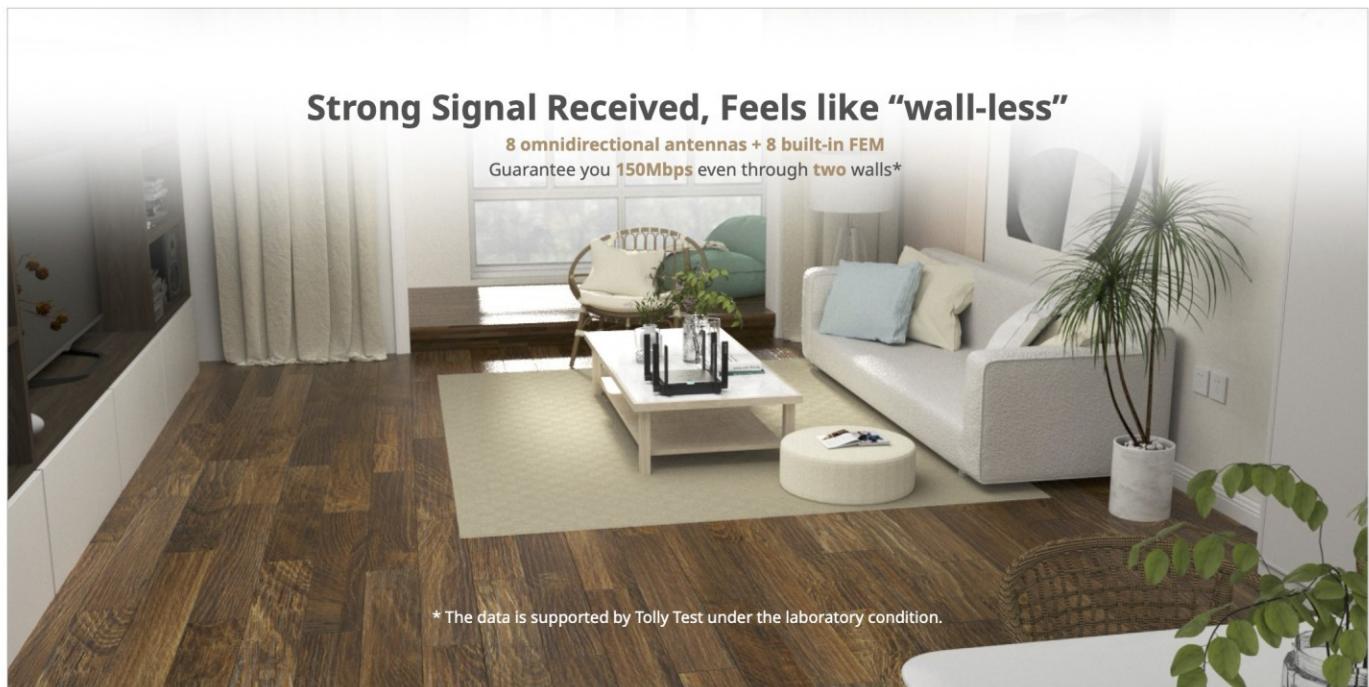
Ruijie Reyee EW3200GX PRO



Other brand



## / Highlight Features



# Highlight Features

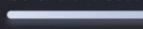
## Rocket Speed, Can't Wait

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

### Wireless Rate under Real Test

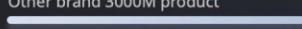
2.4GHz

EW3200GX PRO  90% higher

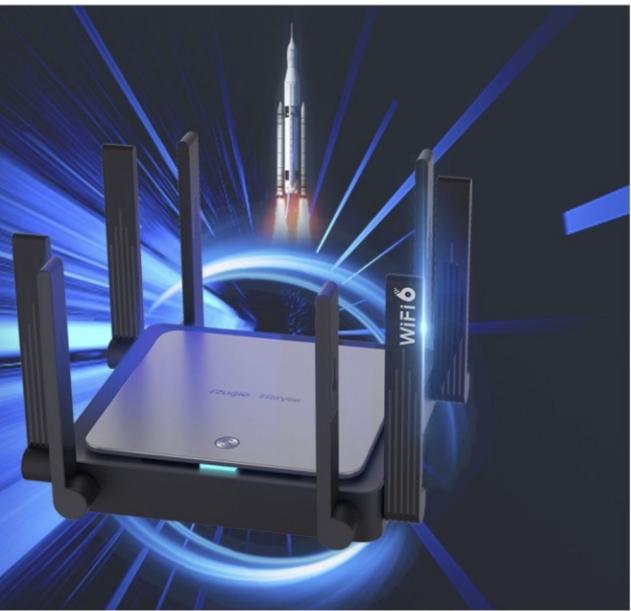
Other brand 3000M product 

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.



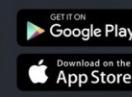
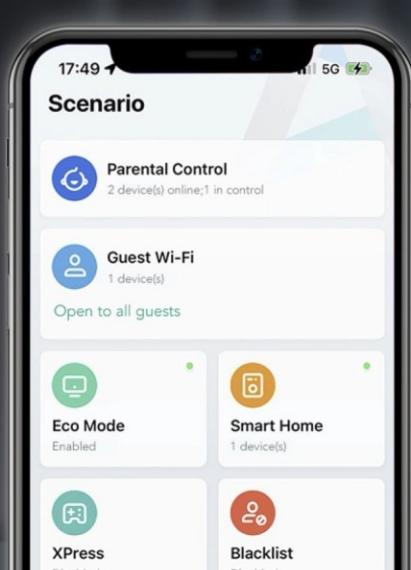
Remote Management



Parental Control



Smart Home



# Hardware Specifications

Model	RG-EW3200GX PRO
<b>Wi-Fi Radio</b>	
<b>Operating band</b>	IEEE 802.11b/g/n, 2.400GHz~2.4835GHz; IEEE 802.11a/n/ac/ax, 5.150GHz~5.350GHz; IEEE 802.11a/n/ac/ax, 5.470GHz~5.725GHz; IEEE 802.11a/n/ac/ax, 5.725GHz~5.850GHz
<b>FEM</b>	EPA
<b>Max. Wi-Fi Speed</b>	2.4 GHz, 800 Mbps 5 GHz, 2402 Mbps
<b>Maximum transmit power</b>	<p>2.4 GHz: 802.11b: 27 dBm 802.11g: 6 Mbps 27 dBm; 54 Mbps 24 dBm 802.11n: MCS0 27 dBm; MCS7 23 dBm</p> <p>5 GHz: 802.11a: 6 Mbps 25 dBm; 54 Mbps 21 dBm 802.11n: MCS0 25 dBm; MCS7 20.5 dBm 802.11ac: MCS0 25 dBm; MCS9 20.5 dBm 802.11ax: MCS0 25 dBm; MCS9 20 dBm; MCS11 18 dBm</p> <p>Note: The transmit power varies according to regulations in different countries and regions.</p> <p>Frequency bands using and the max EIRP:</p> <p>Note: Country specific restrictions apply</p> <p>European Union &amp; United Kingdom:</p> <ul style="list-style-type: none"> <li>2400-2483.5 MHz, EIRP ≤ 20 dBm</li> <li>5150-5350 MHz, EIRP ≤ 23 dBm</li> <li>5470-5725 MHz, EIRP ≤ 30 dBm</li> </ul> <p>Myanmar:</p> <ul style="list-style-type: none"> <li>2400-2483.5 MHz, EIRP ≤ 23 dBm</li> <li>5725-5825 MHz, EIRP ≤ 30 dBm</li> </ul> <p>Thailand:</p> <ul style="list-style-type: none"> <li>2400-2483.5 MHz, EIRP ≤ 20 dBm</li> <li>5150-5350 MHz, EIRP ≤ 23 dBm</li> <li>5470-5725 MHz, EIRP ≤ 30 dBm</li> <li>5725-5825 MHz, EIRP ≤ 30 dBm</li> </ul> <p>Indonesia:</p> <ul style="list-style-type: none"> <li>2400-2483.5 MHz, EIRP ≤ 27 dBm</li> <li>5150-5350 MHz, EIRP ≤ 23 dBm</li> <li>5725-5825 MHz, EIRP ≤ 23 dBm</li> </ul> <p>Egypt:</p> <ul style="list-style-type: none"> <li>2400-2483.5 MHz, EIRP ≤ 20 dBm</li> <li>5150-5350 MHz, EIRP ≤ 23 dBm</li> </ul> <p>Vietnam:</p>
<b>Maximum transmit power(EIRP)</b>	

Hardware Specifications	
Model	RG-EW3200GX PRO
	2400-2483.5 MHz, EIRP ≤ 23 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm
MIMO	2.4 GHz, 4 x 4 5 GHz, 4 x 4
Wi-Fi standard	Wi-Fi 4 (IEEE 802.11b/g/n)
Antenna	
Antenna	8 x external antennas
Antenna gain (2.4 GHz)	4.5 dBi
Antenna gain (5 GHz)	5.5 dBi
Certification and Regulatory Compliance	
Certification	CE
Dimensions and Weight	
Product dimensions (W x D x H)	190 mm × 190 mm × 41 mm (7.48 in. × 7.48 in. × 1.6 in.) (excluding antennas)
Weight	0.8 kg (1.76 lbs) (without packaging materials) 1.6 kg (3.53 lbs) (with packaging materials)
Environment and Reliability	
Operating humidity	5% RH to 95% RH (non-condensing)
Operating temperature	-10 °C to +45 °C (14 °F to 113 °F)
Storage humidity	5% RH to 95% RH (non-condensing)
Storage temperature	-40 °C to +70 °C (-40 °F to 158 °F)
Port Specifications	
LEDs	1 x system status LED 1 x Mesh LED 5 x Ethernet port LEDs
LAN ports	4 x 10/100/1000BASE-T ports
WAN ports	1 x 10/100/1000BASE-T port
Power Supply and Consumption	

## Hardware Specifications

Model	RG-EW3200GX PRO
Power supply	DC 12 V 2.5 A
<b>Product Information</b>	
Warranty	3 years
<b>System Specifications</b>	
RAM	256 MB

# Software Specifications

Model	RG-EW3200GX PRO
<b>Basic Configurations</b>	
<b>LED management</b>	Yes
<b>Internet access mode</b>	PPPoE, DHCP, Static IP, WISP
<b>Preconfiguration</b>	Yes
<b>Reset and keep configurations</b>	Yes
<b>Restoring factory defaults</b>	Yes
<b>Configuration backup</b>	Yes
<b>Local upgrade</b>	Yes
<b>Online upgrade</b>	Yes
<b>Scheduled upgrade</b>	No
<b>AP mode</b>	Yes
<b>Ethernet Switching</b>	
<b>WAN port aggregation</b>	No
<b>LAN port aggregation</b>	No
<b>Specifying the VLAN tag</b>	Yes
<b>IP Service</b>	
<b>Port mapping</b>	Yes
<b>ARP binding</b>	Yes
<b>Number of ARP binding entries</b>	64
<b>DDNS</b>	Yes
<b>No-IP DNS</b>	Yes
<b>Ruijie DDNS</b>	Yes
<b>NAT-DMZ</b>	Yes
<b>Number of port mapping entries</b>	50

# Software Specifications

Model	RG-EW3200GX PRO
UPnP	Yes
IPv6	Yes
<b>Behavior Management</b>	
Parental control	Yes
Client access control (based on MAC addresses)	Yes
Client access control (based on time)	Yes
Maximum number of controlled clients	32
Maximum number of parental control policies	32
Selecting clients from the client list to block their access to the Internet	Yes
Specifying MAC addresses of controlled clients	Yes
<b>Ethernet Interface</b>	
MAC address cloning	Yes
VLAN-based IPTV	Yes
<b>Flow Control</b>	
Flow control based on number of users	Yes
Standalone/Shared mode	Yes
Interface flow control	Yes
<b>IPTV/VLAN</b>	
Multiple IPTV ports	Yes
<b>Multicast</b>	
IGMP proxy	Yes
IGMP snooping	Yes
Note: Not supported by wired connections when IPTV is turned on	

# Software Specifications

Model	RG-EW3200GX PRO
<b>Network Management and Monitoring</b>	
<b>Line detection</b>	Yes
<b>Arabic</b>	Yes
<b>Chinese (Hong Kong Traditional)</b>	Yes
<b>Chinese (Simplified)</b>	Yes
<b>English</b>	Yes
<b>Indonesian</b>	Yes
<b>Italian</b>	Yes
<b>Russian</b>	Yes
<b>Spanish (Latin America)</b>	Yes
<b>Thai</b>	Yes
<b>Turkish</b>	Yes
<b>Vietnamese</b>	Yes
<b>Ruijie Cloud management</b>	Yes
<b>Scheduled device restart</b>	Yes
<b>eWeb login password length</b>	8 to 63 characters
<b>Wired repeater mode</b>	Yes
<b>Wireless repeater mode</b>	Yes
<b>WISP mode</b>	Yes
<b>Rate Limiting</b>	
<b>Client-based rate limiting</b>	Yes
<b>Reyee Mesh 3.0</b>	
<b>Reyee Mesh 3.0</b>	Yes

# Software Specifications

Model	RG-EW3200GX PRO
<b>Automatic switching between wired and wireless repeater mode</b>	Yes
<b>Recommended hop count</b>	2
<b>Maximum number of clients</b>	192
<b>Maximum number of devices</b>	32
<b>Security</b>	
<b>Encryption mode</b>	Yes
<b>System Performance Capacity</b>	
<b>Maximum number of concurrent clients</b>	64 (2.4 GHz) 128 (5 GHz)
<b>Recommended number of concurrent clients</b>	12 (2.4 GHz) 48 (5 GHz)
<b>IPTV/IGMP client capacity</b>	5
<b>IPTV/IGMP multicast capacity</b>	5
<b>IPTV/IGMP wired forwarding performance</b>	25 Mbps
<b>Recommended camera limit</b>	6 (2.4 GHz) 16 (5 GHz)
<b>VPN</b>	
<b>Number of concurrent tunnels supported by the OpenVPN server</b>	8
<b>Certificate authentication</b>	Yes
<b>OpenVPN bandwidth</b>	13 Mbps
<b>OpenVPN client</b>	Yes
<b>OpenVPN server</b>	Yes
<b>Server domain name configuration</b>	Yes
<b>Username and password authentication</b>	Yes
<b>Number of concurrent tunnels supported by the PPTP VPN server</b>	30

## Software Specifications

Model	RG-EW3200GX PRO
PPTP VPN client	Yes
PPTP VPN server	Yes
<b>Wireless Configuration</b>	
Guest Wi-Fi	Yes
<b>WLAN</b>	
1024-QAM	Yes
MLO	No
DFS	Yes
802.11k/v roaming	Yes
Wi-Fi blocklist capacity	64
SSID hiding	Yes

## Package Contents

Model	RG-EW3200GX PRO
<b>Accessories</b>	
Ethernet cable	1
Power adapter	1
<b>Device</b>	
Device	1
<b>Manual</b>	
User Manual	1
Warranty Card	1

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 **Redefine your easy network**



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