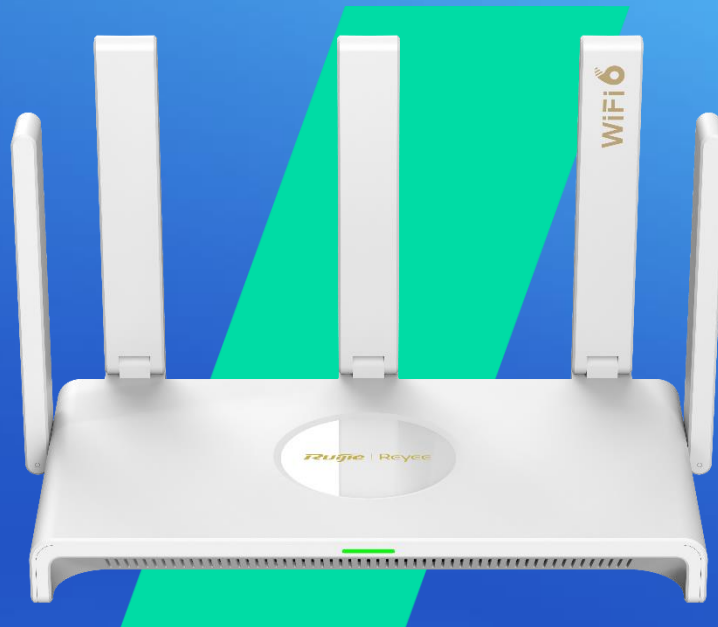# Ruijie | Reyee

RG-EW3000GX
Wi-Fi 6 Dual-band Gigabit Mesh Router

DATASHEET **Explore More ▶**

Highlights

- Five high-gain antennas
- Enterprise-grade chipset
- Dual-WAN aggregation
- Multi-unit mesh networking
- Free cloud management

/ Highlight Features

RG-EW3000GX

Experience WiFi 6
Feel the Leap in Speed

Leveraging the advanced Wi-Fi 6 technology, RG-EW3000GX √s up to **4x** more device capacity and delivers a **3x** faster speed than Wi-Fi 5.

5 Gigabit Ethernet Ports

5 High-Gain Antennas

160 MHz Bandwidth

Achieving Ultra-High Speed with 160MHz Bandwidth

Surpassing expectations, RG-EW3000GX supports **160MHz bandwidth**. Your network can effortlessly achieve a stable **900+ Mbps** ultra-high-speed transmission.

160 MHz

900+ Mbps

Highlight Features

Double WAN Ports, Double the Speed

With support for dual-gigabit access and the ability to aggregate bandwidth for a total throughput of over **1.6 Gbps.**
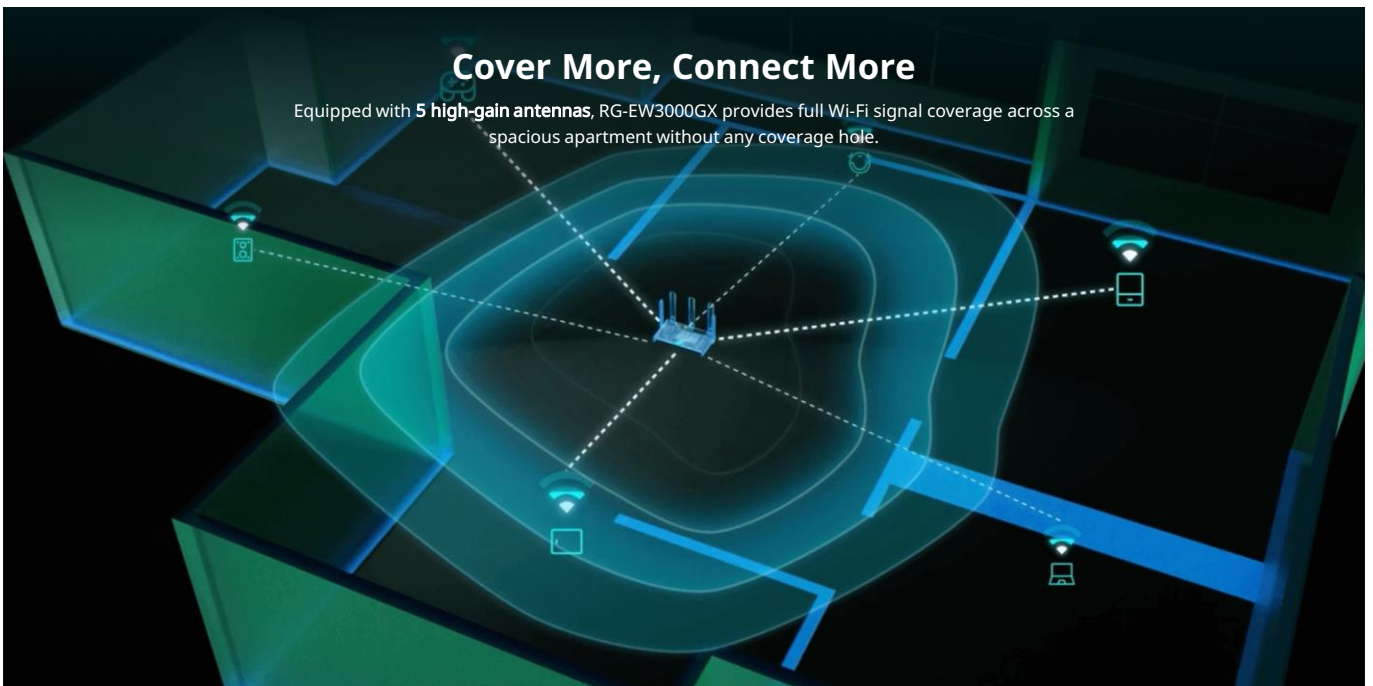
Load Balancing   **Link Aggregation**   **Multi-ISP Lines**

Cover More, Connect More

Equipped with **5 high-gain antennas**, RG-EW3000GX provides full Wi-Fi signal coverage across a spacious apartment without any coverage hole.

/ Highlight Features

Reyee Mesh, Easy Network Expansion

With Reyee Mesh, you do not need to worry about coverage holes anymore. Reyee Mesh √s the interconnection of all Reyee Wi-Fi 5 and Wi-Fi 6 home routers to set up a network that enables **seamless roaming** and **unified management**.

Manage Your Home Network at Fingertips

Ruijie Reyee APP provides incredible advanced features, allowing you to remotely manage your network at any time.

Network Status Monitoring

Online Device Monitoring

Remote Reboot

Password Changing

Ruijie Reyee

Google Play

App Store

Specifications

Model	RG-EW3000GX
Basic	
Dimensions (W×D×H)	240 mm × 130 mm × 32 mm (9.45 in. × 5.11 in. × 1.25 in. antennas not included)
Weight	0.50 kg (packages not included)
Wi-Fi Standards	Wi-Fi 6 (802.11ax)
MIMO	2.4 GHz, 2×2, MU-MIMO 5 GHz, 2×2, MU-MIMO
Max. Wi-Fi Speed	2.4 GHz: 574 Mbps 5 GHz: 2402 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/160 MHz
Antennas	5
Antennas Type	External Omnidirectional
Antenna Gain	2.4 GHz: 5 dBi 5 GHz: 5 dBi
Ports	1×10/100/1000 Base-T WAN/LAN port 1×10/100/1000 Base-T WAN port 3×10/100/1000 Base-T LAN ports
Recommended Users	60
Max. Users	192
Power Supply	DC 12V/1.0A
Power Consumption	< 12 W
Operation Frequency Bands	802.11b/g/n/ax: 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	General： CE EIRP: ≤20dBm (2.4GHz) ≤27dBm (5GHz) Myanmar： 2400~2483.5MHz ≤ 20dBm(EIRP)； 5150~5350MHz ≤ 23dBm(EIRP)； 5470~5725MHz ≤ 30dBm(EIRP)； 5725~5850MHz ≤ 30dBm(EIRP)；

Specifications

Receive Sensitivity	2.4 GHz:20MHz 802.11b: -91 dBm(1 Mbps) 802.11g: -91 dBm(6 Mbps), -72 dBm(54 Mbps) 802.11n: -90dBm(MCS0), -70 dBm(MCS7) 5 GHz:20MHz 802.11n: -85 dBm(MCS0), -67 dBm(MCS7) 802.11a: -89 dBm(6 Mbps), -72 dBm(54 Mbps) 802.11ac: -90dBm(MCS0), -63dBm(MCS8) 802.11ax: -88dBm(MCS0), -62dBm(MCS8), -58dBm(MCS11)
Operating Temperature	-10 °C to +40 °C (14 °F to 104 °F)
Operating Humidity	5% to 95% Noncondensing
Certifications	CE

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	≤2
Wi-Fi Optimization	✓

Specifications

QoS (WMM)	✓
WPS	-
Transmission Power Adjustment	✓

Hardware	
CPU	MT7981
Flash	128 MB
RAM/SDRAM	256 MB
Color	White
System LED Indicator	✓
Reyee Mesh LED Indicator	✓
Reyee Mesh Button	✓
Power Button	-
Reset Button	✓
DC Connector Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 9.5 mm (Outer Diameter: 0.22 in. Inner Diameter: 0.08 in. Length: 0.37 in.)

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	
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	✓
L2TP VPN Client	-

/ Package Contents

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 Vietanmese Turkish Indonesian Thai traditioanl Chinese Spanish Russian Arabic Ukrainian Czech Italian
Package Contents	
Package Information	RG-EW3000GX
Wireless Router	1
Power Adapter	1
Quick Start Guide	1
Warranty Card	1
Cat5E UTP Cable	1

Ruijie | Reyee

Redefine your easy network

Ruijie Networks Co., Ltd.

Official Website: https://Reyee.Ruijie.com