

RG-EW3000GX

Wi-Fi 6 Dual-band Gigabit Mesh Router

DATASHEET

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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.



/ 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

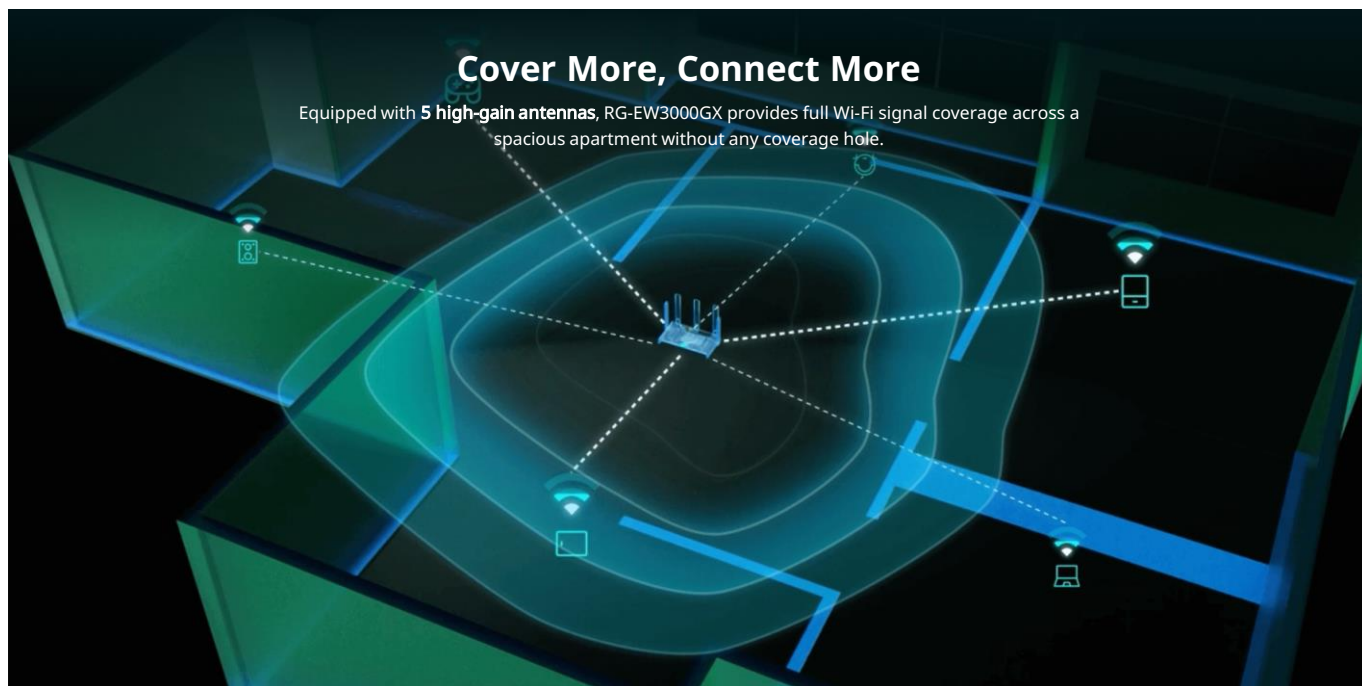


Multi-ISP Lines



Cover More, Connect More

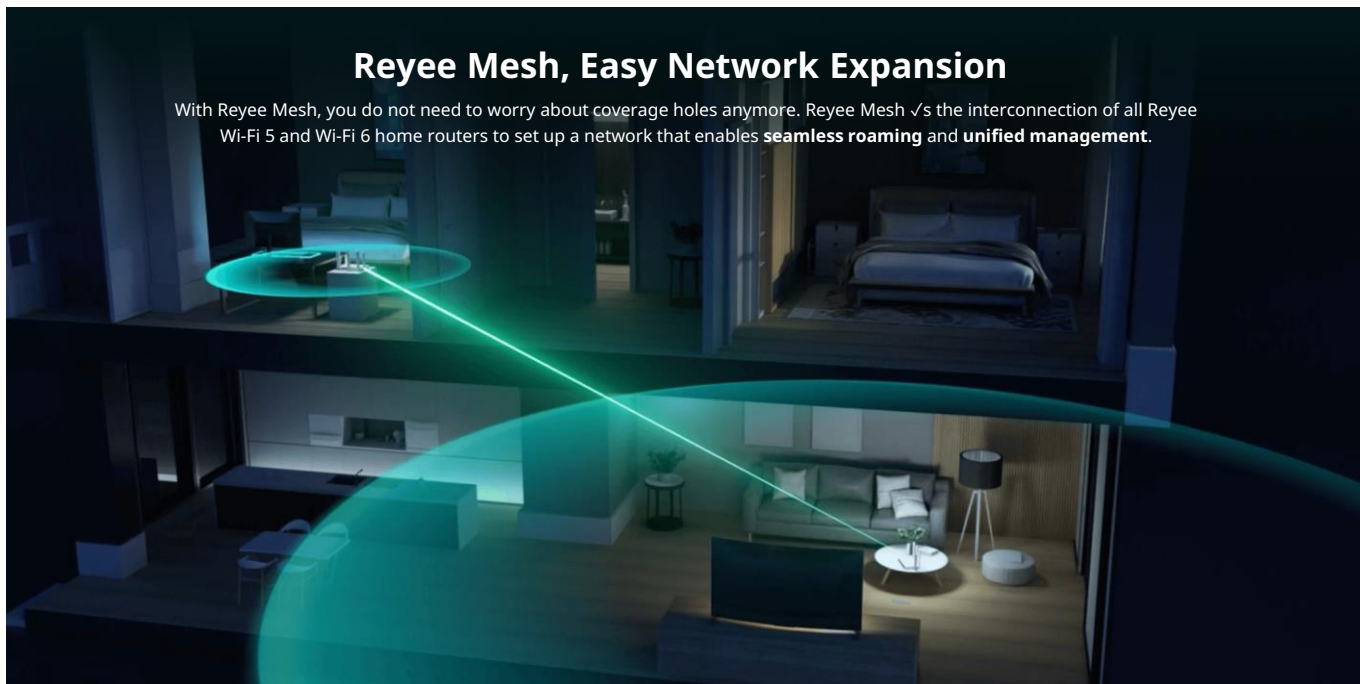
Equipped with **5 high-gain antennas**, RG-EW3000GX provides full Wi-Fi signal coverage across a spacious apartment without any coverage hole.



Highlight Features

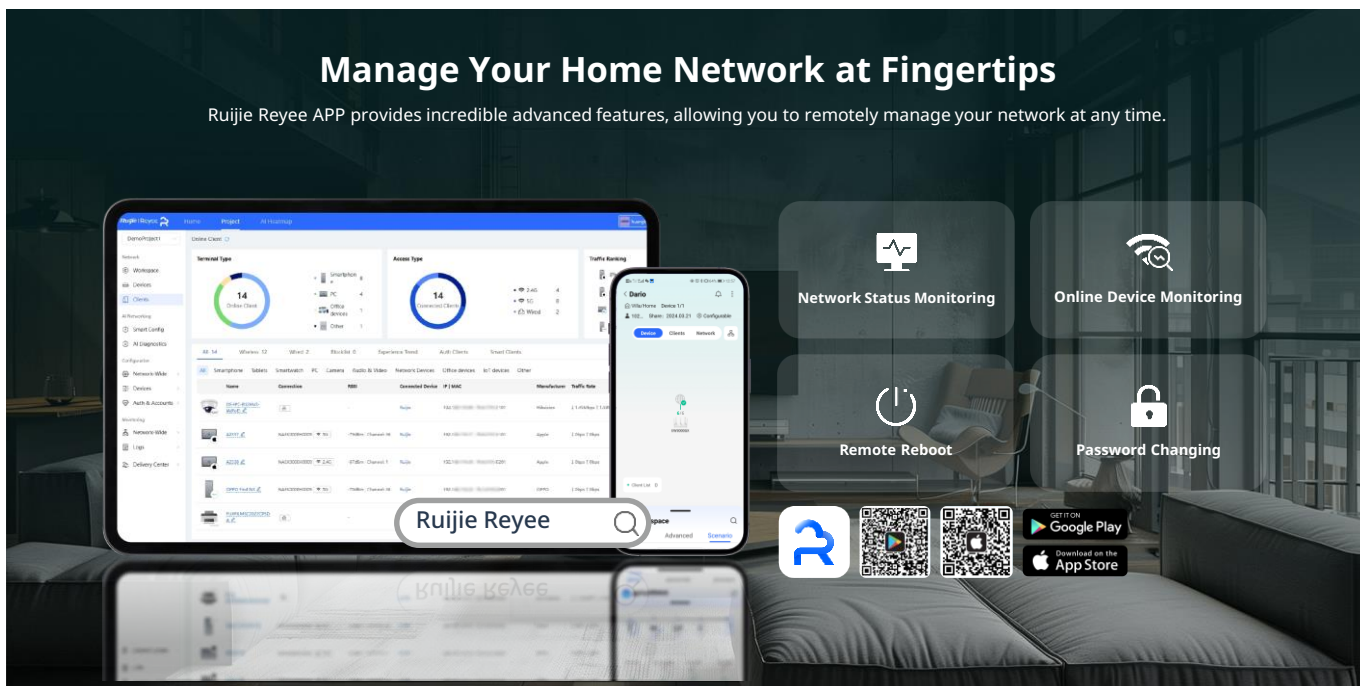
Reyee Mesh, Easy Network Expansion

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.



/ 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)
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Operating Temperature -10 °C to +40 °C (14 °F to 104 °F)

Operating Humidity	5% to 95% Noncondensing
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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 Vietnamese 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

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 **R**edefine **y**our **e**asy **n**etwork

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