

RG-M32 3200M Wi-Fi 6 Dual-band Gigabit Mesh* Router

DATASHEET



Highlights

- An unprecedented wireless experience with Wi-Fi 6
- Strong signal received, feels like “wall-less”
- Born for multi-user, support up to 192 terminals
- Exclusive ReYee Mesh provides full space coverage Wi-Fi solution
- Smart signal indicator, find the best spot to place a sub-router
- Take control of your home network at your fingertips

Highlight Features



TEST REPORT

RG-M32

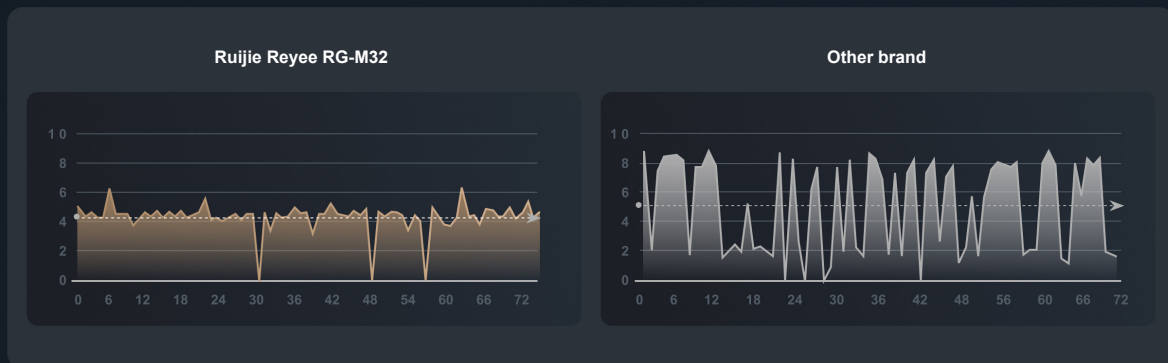
Mesh More Cover All

- 4 Internal Dual-band Antennas
- 3200M Dual-band
- 802.11ax

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

Tolly proofs that RG-M32 demonstrates more stable network performance at multiple connections.

Source: Tolly Test Report #221149 Nov. 2021



Rocket Speed, Can't Wait

Equipped with Wi-Fi 6 technology like OFDMA, 1024 QAM, and the latest 802.11ax standard, RG-M32 reaches ultra fast speed, 3200Mbps, enhancing the overall networking experience for users.

Wireless Rate under Real Test

2.4GHz

RG-M32

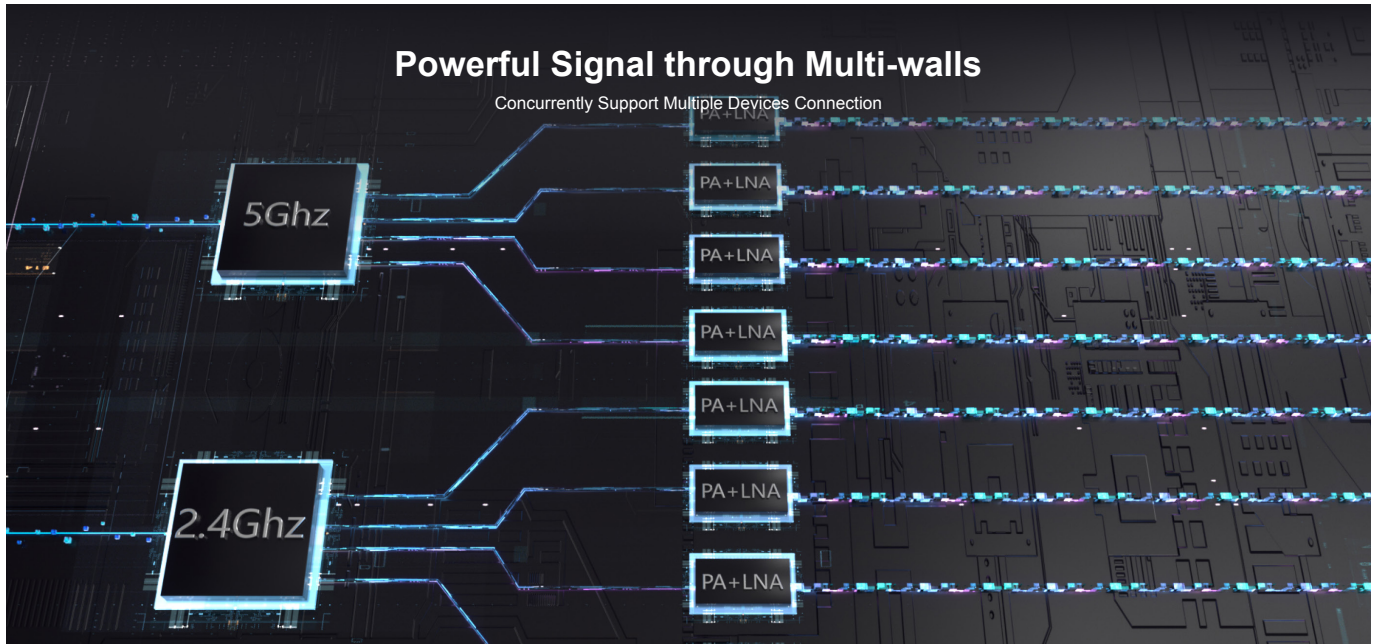
90% higher

Other brand 3000M product

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

Ruijie | Reyee

Highlight Features



Signal Visualization



Smart signal indicator guides you to find the best spot.

Mesh by One-click



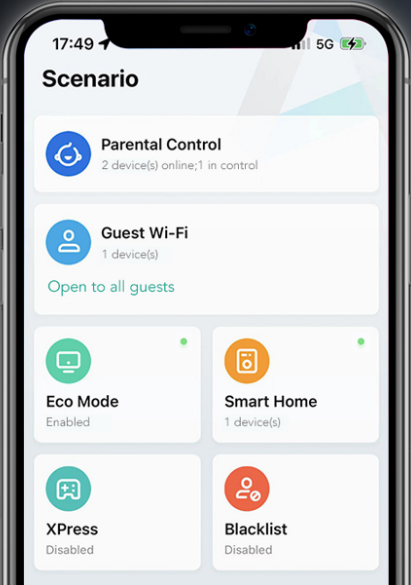
You can click the Reyee Mesh button to complete pairing multiple devices with zero configuration.

Seamless Roaming, Full Space Coverage Wi-Fi Solutions

Amazed by **Reyee Mesh**



Highlight Features



The smartphone screen shows the Reyee Router App interface. At the top, it displays the time 17:49, signal strength, 5G, and battery level. The main screen is titled "Scenario" and lists several features:

- Parental Control:** 2 device(s) online; 1 in control.
- Guest Wi-Fi:** 1 device(s). Below it, it says "Open to all guests".
- Eco Mode:** Enabled.
- Smart Home:** 1 device(s).
- XPress:** Disabled.
- Blacklist:** Disabled.

Below the smartphone, the text reads: "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.

Three icons are shown: a cloud with a router, a person with a lock, and a house with a Wi-Fi symbol. Below these icons are the labels: "Remote Management", "Parental Control", and "Smart Home".

At the bottom, there is a QR code, the Reyee logo, and two buttons: "GET IT ON Google Play" and "Download on the App Store".



Specifications

Basic

Dimensions (W×D×H)	91.5 mm × 91.5 mm × 180.6 mm (3.6 in. × 3.6 in. × 7.1 in. antennas not included)
Weight	1.3 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: 1201 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/40/80/160 MHz
Antennas	4
Antennas Type	Internal Omnidirectional
Antenna Gain	2.4 GHz: 5 GHz:
WAN Port	1×10/100/1000 Base-T
LAN Ports	2×10/100/1000 Base-T
Recommended Users	48
Max. Users	192
Power Supply	DC 12V/1.5A
Power Consumption	< 18 W
Operation Frequency Bands	802.11b/g/n/ax: 2.400 GHz to 2.483 GHz 802.11a/n/ac: 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) ≤20dBm 2400~2483.5MHz(Bluetooth) Myanmar: 2400~2483.5MHz ≤ 20dBm(EIRP); 5150~5350MHz ≤ 23dBm(EIRP); 5470~5725MHz ≤ 30dBm(EIRP); 5725~5850MHz ≤ 30dBm(EIRP);

Specifications

Basic

Receive Sensitivity	2.4 GHz:
	802.11b: -96 dBm(1 Mbps)
	802.11g: -91 dBm(6 Mbps), -85 dBm(54 Mbps)
	802.11n: -90dBm(MCS0), -85 dBm(MCS7)
	5 GHz:
	802.11n: -90 dBm(MCS0), -70 dBm(MCS7)
802.11a: -88 dBm(6 Mbps), -60 dBm(54 Mbps)	
802.11ac: -82dBm(MCS0), -57dBm(MCS7), -52dBm(MCS9)	

Operating Temperature	-10 °C to +45 °C (14 °F to 113 °F)
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Operating Humidity	5% to 95% Noncondensing
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Certifications	CE, RoHS
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Wireless

OFDMA	✓
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MU-MIMO	✓
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BSS Coloring	✓
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Maximum Number of SSIDs	6
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SSID Hiding	✓
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Band Steering	✓
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Guest Wi-Fi	✓
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WPA/WPA2	✓
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WPA3	-
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Roaming	Layer 3 Roaming
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Blacklist	✓
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Reyee Mesh	✓
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Mesh Pairing by Hardware	✓
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Mesh Pairing by Mesh Button	✓
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Mesh Pairing by Eweb	✓
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Specifications

Wireless

Recommended Hop Count ≤ 2

Wi-Fi Optimization ✓

QoS (WMM) ✓

WPS -

Transmission Power Adjustment ✓

Hardware

CPU MT7621A+MT7905DAN+MT7975DN

Flash 16 MB

RAM/SDRAM 64 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: 2.0 mm
Length: 9.8 mm
(Outer Diameter: 0.22 in.
Inner Diameter: 0.07 in.
Length: 0.39 in.)

WAN

Static IP ✓

DHCP ✓

PPPoE ✓

Specifications

WAN

Learning PPPoE Account & Password

✓

VLAN Tagging

✓

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

-

Specifications

Security

PPTP VPN Server ✓

PPTP VPN Client ✓

L2TP VPN Client -

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
Indonesian
Thai
Arabic
Traditional Chinese
Spanish
Russian

Package Contents

Package Information	RG-M32
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Power Adapter	1
Quick Start Guide	1
Cat5E UTP Cable	1

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