

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

DATASHEET



Highlights

- Next-gen gigabit Wi-Fi 6 standard
- 4x4 Enterprise-level chipset, better stability under heavy load
- 4 Dual-band antennas and 8 signal amplifiers, provide whole-home network coverage
- Exclusive Reyee Mesh solution, one click to mesh up multiple Reyee Mesh devices
- 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

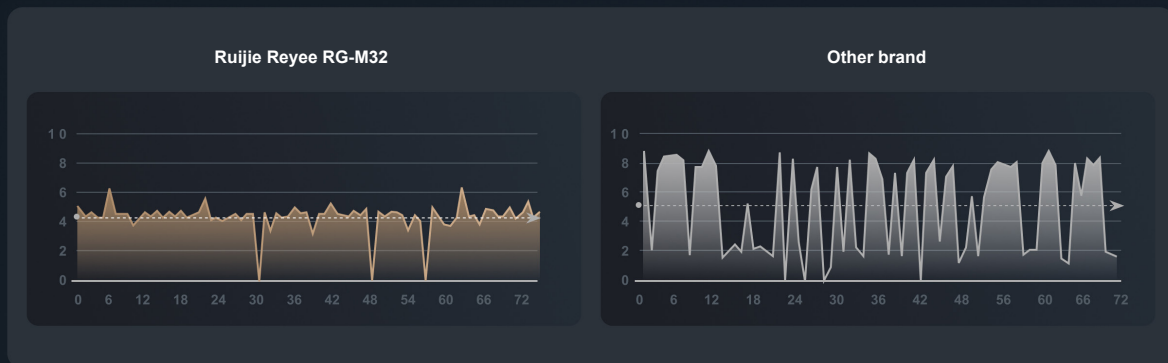
Mesh More Cover All

- 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

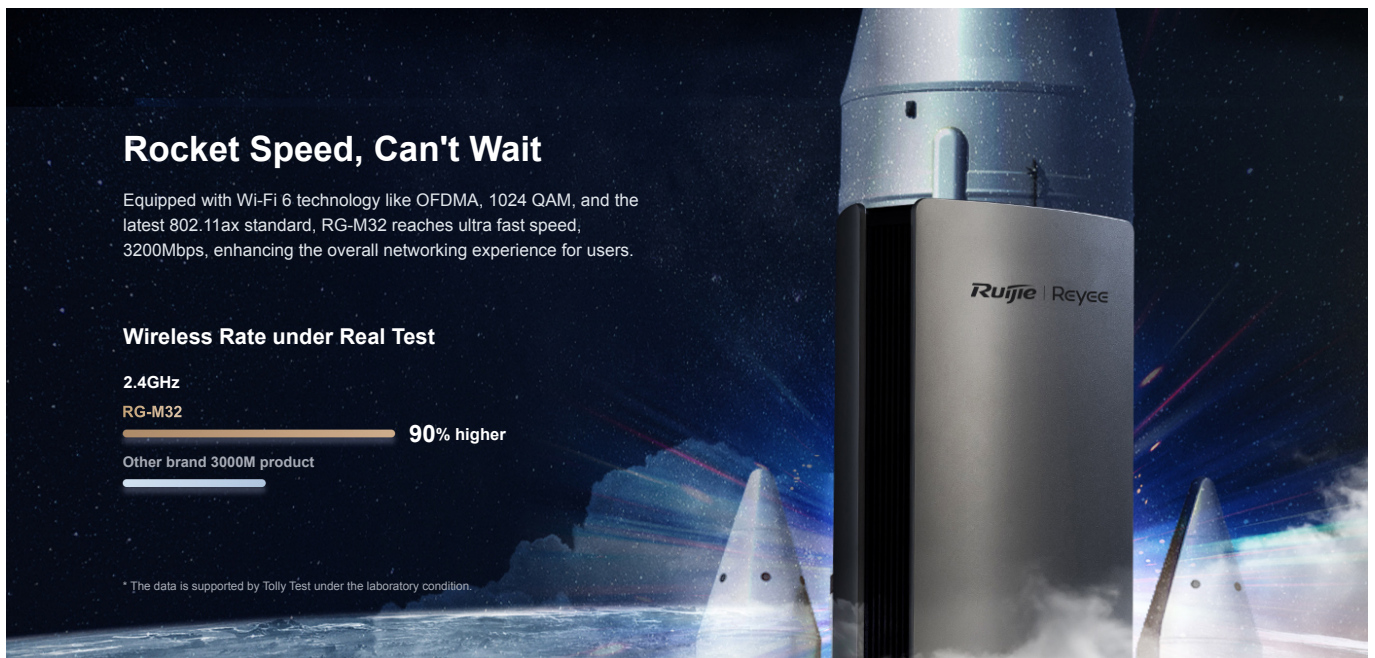
2.4GHz

RG-M32

90% higher

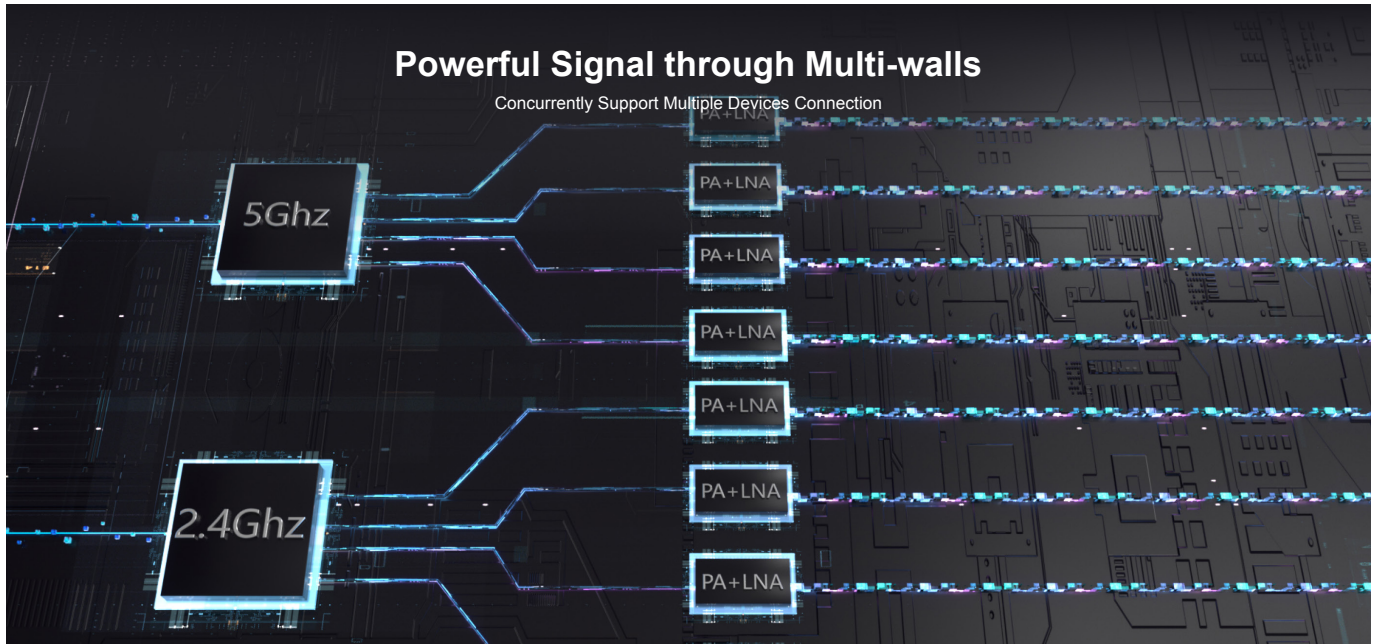
Other brand 3000M product

* 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



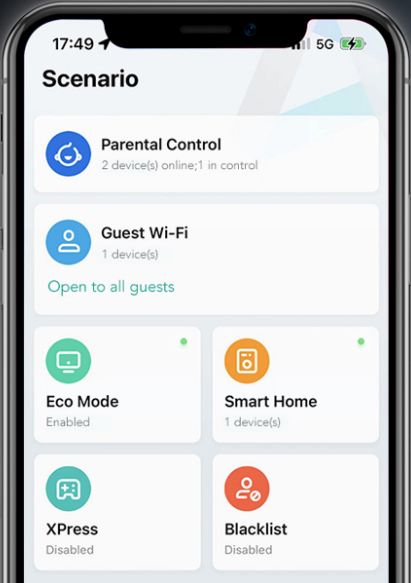
You can click the Reyee Mesh button to complete pairing multiple devices with zero configuration.

Seamless Roaming, Full Space Coverage Wi-Fi Solutions

Amazed by **Reyee Mesh**



Highlight Features







Scenario

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

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 (W×D×H)	119 mm × 119 mm × 200 mm (4.7 in. × 5 in. × 7.9 in. antennas not included)
Weight	0.66 kg (packages not included)
Wi-Fi Standards	Wi-Fi 6 (802.11ax)
MIMO	2.4 GHz, 4×4, MU-MIMO 5 GHz, 4×4, 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	4 dual-band
Antennas Type	Internal Omnidirectional
Antenna Gain	2.4 GHz: 4 dBi 5 GHz: 4 dBi
WAN Port	1×10/100/1000 Base-T
LAN Ports	3×10/100/1000 Base-T
Recommended Users	60
Max. Users	192
Power Supply	DC 12V/2A
Power Consumption	< 30 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	CE EIRP: ≤20dBm (2.4GHz) ≤27dBm (5GHz) ≤20dBm 2400~2483.5MHz(Bluetooth) 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)
-----------------------	------------------------------------

Operating Humidity	5% to 95% Noncondensing
--------------------	-------------------------

Certifications	CE, SIRIM, RCM RoHS
----------------	---------------------

Wireless

OFDMA	✓
-------	---

MU-MIMO	✓
---------	---

BSS Coloring	✓
--------------	---

Maximum Number of SSIDs	6
-------------------------	---

SSID Hiding	✓
-------------	---

Band Steering	✓
---------------	---

Guest Wi-Fi	✓
-------------	---

WPA/WPA2	✓
----------	---

WPA3	-
------	---

Roaming	Layer 3 Roaming
---------	-----------------

Blacklist	✓
-----------	---

Reyee Mesh	✓
------------	---

Mesh Pairing by Hardware	✓
--------------------------	---

Mesh Pairing by Mesh Button	✓
-----------------------------	---

Mesh Pairing by Eweb	✓
----------------------	---

Specifications

Wireless

Recommended Hop Count ≤ 2

Wi-Fi Optimization ✓

QoS (WMM) ✓

WPS -

Transmission Power Adjustment ✓

Hardware

CPU MT7622B+MT7911AN+MT7915AN

Flash 16 MB

RAM/SDRAM 256 MB

Color Black

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: 11.5 mm
(Outer Diameter: 0.22 in.
Inner Diameter: 0.07 in.
Length: 0.39 in.)

WAN

Static IP ✓

DHCP ✓

PPPoE ✓

Specifications

WAN

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
Wireless Router	1
Power Adapter	1
Quick Start Guide	1
Cat5E UTP Cable	1

Ruijie | Rcycc

Redefine your **e**asy **n**etwork

Copyright ©2000-2023 Ruijie Networks Co., Ltd. All rights reserved.

No part of this document may be reproduced or transmitted in any form or any means without prior written consent of Ruijie Networks Co., Ltd.

Notice

This content is applicable only to regions outside the China mainland. Ruijie Networks Co., Ltd. reserves the right to interpret this content.

The information contained herein is subject to change without notice. Nothing herein should be construed as constituting an additional warranty. Ruijie Networks Co., Ltd. shall not be liable for technical or editorial errors or omissions contained herein.



Ruijie Networks Co., Ltd.
Building 19, Juyuanzhou Industrial Park, No.618
Jinshan Road, Cangshan District, Fuzhou, Fujian, China
Website: <https://www.ruijienetworks.com>