

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

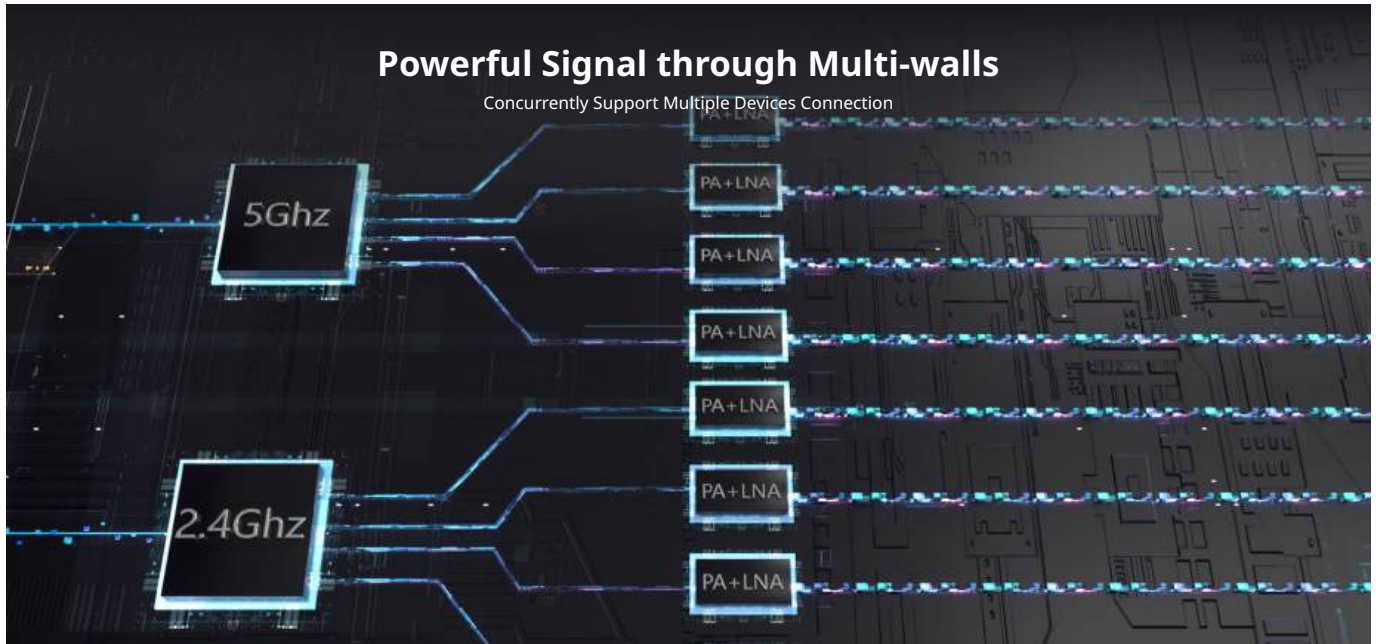
Other brand 3000M product

* 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**



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: 800Mbps 5 GHz: 2402Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80MHz
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
DFS	Support
Transmit Power	European Union & United Kingdom 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm

5470-5725 MHz, EIRP ≤ 30 dBm

United States:

2400-2483.5 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm

5150-5250 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm

5250-5350 MHz, max output power < 24 dBm & EIRP ≤ 30 dBm

5470-5725 MHz, max output power < 24 dBm & EIRP ≤ 30 dBm

5725-5850 MHz, max output power ≤ 30 dBm & EIRP ≤ 36 dBm

Myanmar :

2400-2483.5 MHz, EIRP ≤ 23 dBm

5725-5825 MHz, EIRP ≤ 30 dBm

Thailand:

2400-2483.5 MHz, EIRP ≤ 20 dBm

5150-5350 MHz, EIRP ≤ 23 dBm

5470-5725 MHz, EIRP ≤ 30 dBm

5725-5825 MHz, EIRP ≤ 30 dBm

Indonesia:

2400-2483.5 MHz, EIRP ≤ 27 dBm

5150-5350 MHz, EIRP ≤ 23 dBm

5725-5825 MHz, EIRP ≤ 23 dBm

Egypt:

2400-2483.5 MHz, EIRP ≤ 20 dBm

5150-5350 MHz, EIRP ≤ 23 dBm

Receive Sensitivity

2.4 GHz:

802.11b: -96 dBm(1 Mbps)

802.11g: -91 dBm(6 Mbps), -85 dBm(54 Mbps)

802.11n: -90 dBm(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: -82 dBm(MCS0), -57 dBm(MCS7), -52 dBm(MCS9)

Operating Temperature

-10 °C to +40 °C (14 °F to 104 °F)

Operating Humidity

5% to 95% Noncondensing

Certifications

CE, SIRIM, RCM RoHS

Wireless

OFDMA	Support
MU-MIMO	Support
BSS Coloring	Support
Maximum Number of SSIDs	6
SSID Hiding	Support
Band Steering	Support
Guest Wi-Fi	Support
WPA/WPA2	Support
WPA3	-
Roaming	Layer 3 Roaming
Blocklist	Support
Reyee Mesh	Support
Mesh Pairing by Hardware	Support
Mesh Pairing by Mesh Button	Support
Mesh Pairing by Eweb	Support
Recommended Hop Count	≤2
Wi-Fi Optimization	Support
QoS (WMM)	Support
WPS	-
Transmission Power Adjustment	Support

Hardware

CPU	MT7622B+MT7911AN+MT7915AN
Flash	16 MB
RAM/SDRAM	256 MB

Color	Black
System LED Indicator	Support
Reyee Mesh LED Indicator	Support
Reyee Mesh Button	Support
Power Button	-
Reset Button	Support
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	Support
DHCP	Support
PPPoE	Support
Learning PPPoE Account & Password	Support
VLAN Tagging	Support

LAN

DHCP Server	Support
Client List	Support
Static IP Assignment	Support
Port-Based Flow Control	Support

Features

TR069	Support
Preset	Support
IPv6	Support

DDNS	Support
IPTV	Support
Alarm	Support
Diagnosis	Support
UPnP	Support
ARP Binding	Support
Port Mapping	Support
DMZ Host	Support
Rate Limitation of Terminals	Support
Hardware Acceleration	Support
MAC Address Cloning	Support
Cloud Management	Support
Repeater Mode	Support
WISP Mode	Support
AP Mode	Support

Security

PPTP VPN Server	Support
PPTP VPN Client	Support
L2TP VPN Client	-
Parental Control	Time Schedule
Protect TCP Flood Attacks	Support
Protect ICMP Attacks	-
Protect UDP Flood Attacks	-

System

Default Access/Password	192.168.110.1 No Password Required by Default
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URL Access	Support
Local Upgrade	Support
Online Upgrade	Support
APP Upgrade	Support
Syslog	Support
Backup	Support
Factory Reset	Support
Language	Chinese English Vietnamese Indonesian Thai Arabic Traditional Chinese Spanish Russian

Package Contents

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

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 **Redefine your easy network**

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