

# 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**

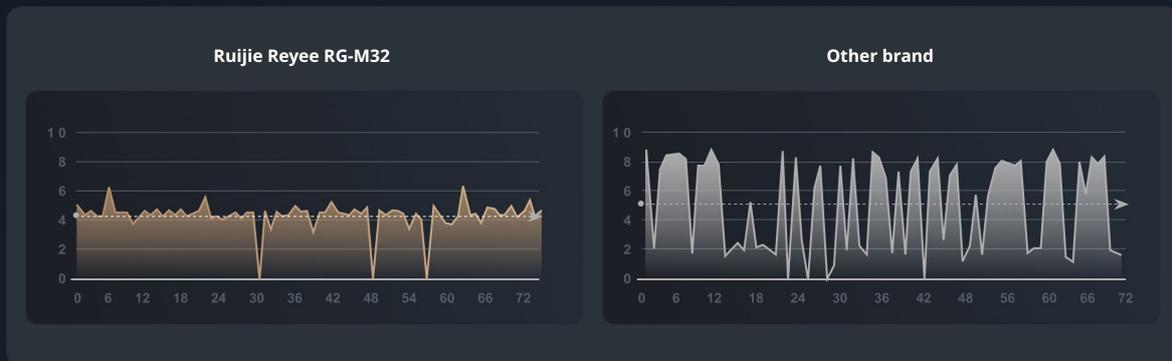
## Mesh More Cover All

- 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

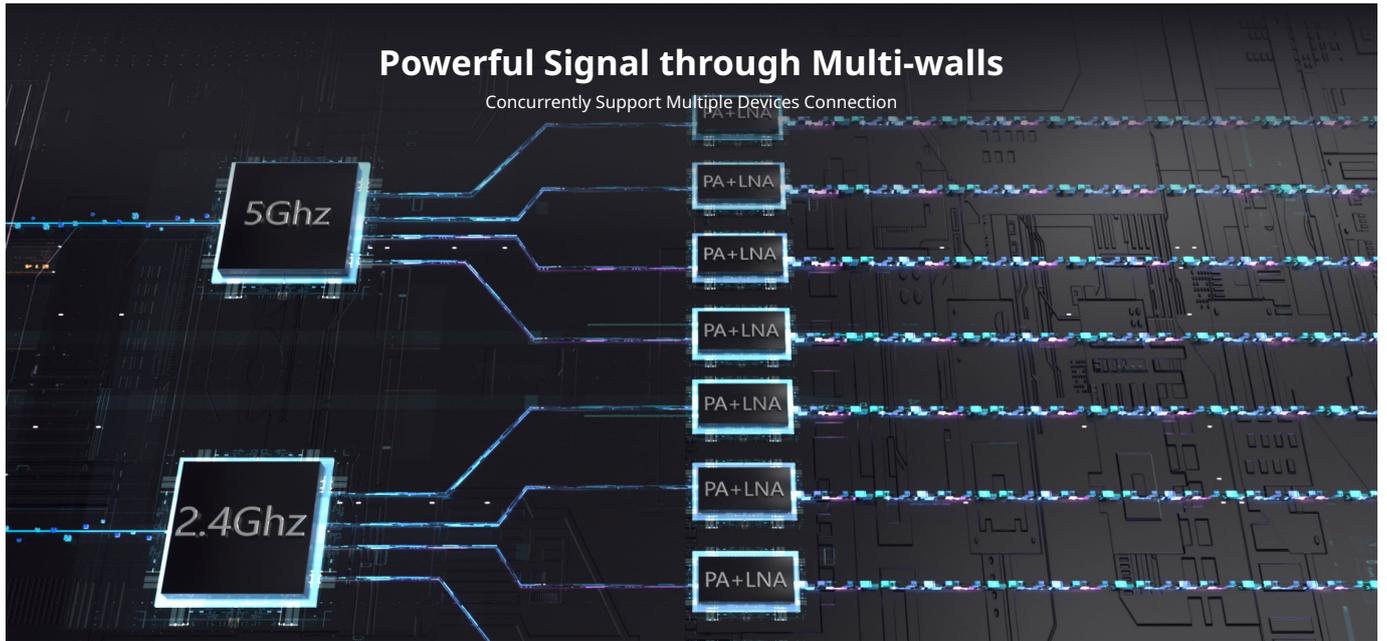
Other brand 3000M product

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



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# Highlight Features



## Signal Visualization



Smart signal indicator guides you to find the best spot.

## Mesh by One-click



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

## Seamless Roaming, Full Space Coverage Wi-Fi Solutions

Amazed by **Reye Mesh**



# Specifications

Basic	
<b>Dimensions (W×D×H)</b>	119 mm × 119 mm × 200 mm (4.7 in. × 5 in. × 7.9 in. antennas not included)
<b>Weight</b>	0.66 kg (packages not included)
<b>Wi-Fi Standards</b>	Wi-Fi 6 (802.11ax)
<b>MIMO</b>	2.4 GHz, 4×4, MU-MIMO 5 GHz, 4×4, MU-MIMO
<b>Max. Wi-Fi Speed</b>	2.4 GHz: 800Mbps 5 GHz: 2402Mbps
<b>Channel Width</b>	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80MHz
<b>Antennas</b>	4 dual-band
<b>Antennas Type</b>	Internal Omnidirectional
<b>Antenna Gain</b>	2.4 GHz: 4 dBi 5 GHz: 4 dBi
<b>WAN Port</b>	1×10/100/1000 Base-T
<b>LAN Ports</b>	3×10/100/1000 Base-T
<b>Recommended Users</b>	60
<b>Max. Users</b>	192
<b>Power Supply</b>	DC 12V/2A
<b>Power Consumption</b>	≤ 30 W
<b>Operation Frequency Bands</b>	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
<b>DFS</b>	Support
<b>Transmit Power</b>	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

<b>Color</b>	Black
<b>System LED Indicator</b>	Support
<b>Reyee Mesh LED Indicator</b>	Support
<b>Reyee Mesh Button</b>	Support
<b>Power Button</b>	-
<b>Reset Button</b>	Support
<b>DC Connector Dimensions</b>	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

<b>Static IP</b>	Support
<b>DHCP</b>	Support
<b>PPPoE</b>	Support
<b>Learning PPPoE Account &amp; Password</b>	Support
<b>VLAN Tagging</b>	Support

## LAN

<b>DHCP Server</b>	Support
<b>Client List</b>	Support
<b>Static IP Assignment</b>	Support
<b>Port-Based Flow Control</b>	Support

## Features

<b>TR069</b>	Support
<b>Preset</b>	Support
<b>IPv6</b>	Support

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

## Security

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

## System

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

## Package Contents

<b>Wireless Router</b>	<b>1</b>
<b>Power Adapter</b>	<b>1</b>
<b>Quick Start Guide</b>	<b>1</b>
<b>Warranty Card</b>	<b>1</b>
<b>Cat5E UTP Cable</b>	<b>1</b>

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 **R**edefine your **e**asy network

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