

# 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**

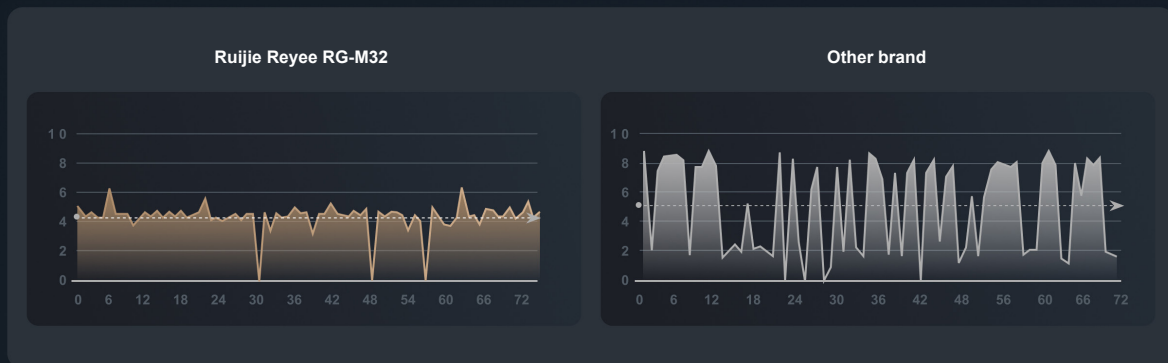
## Mesh More Cover All

- 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

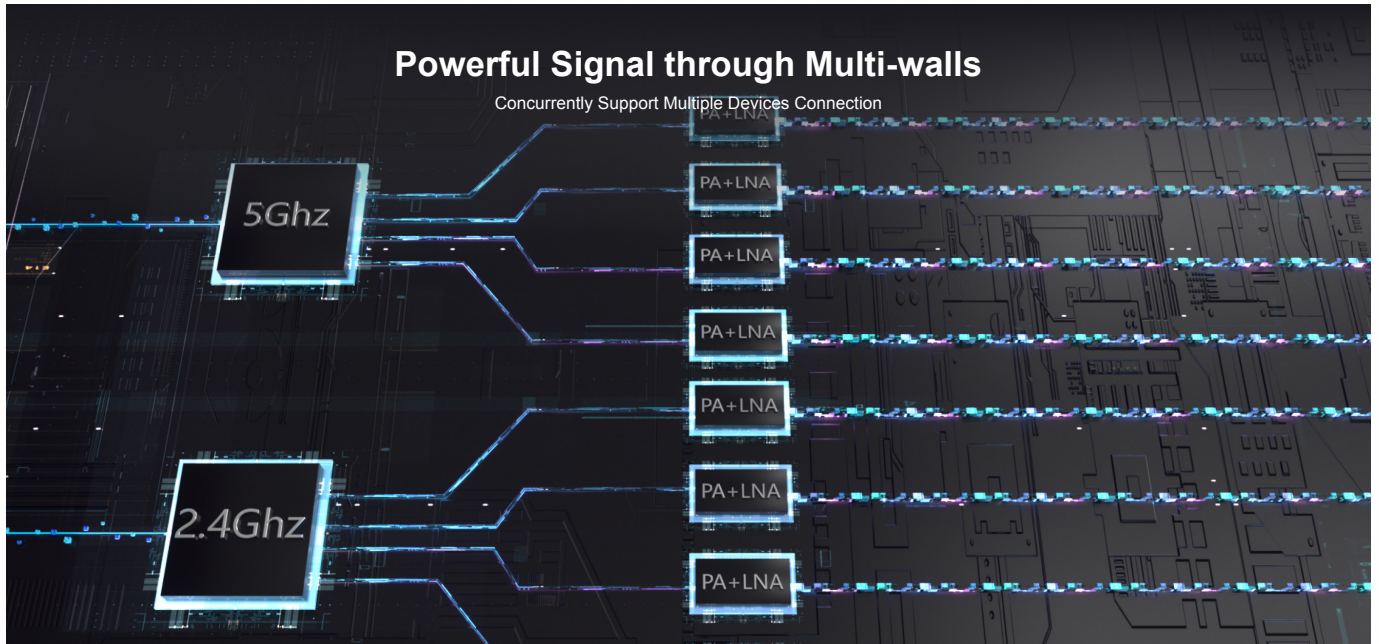
Other brand 3000M product

\* 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



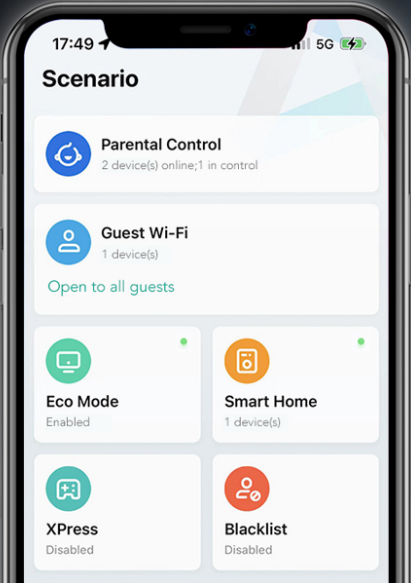
You can click the Reyee Mesh button to complete pairing multiple devices with zero configuration.

### 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 features several control cards: "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), and "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/2.5A
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  $\leq 2$

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	✓
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PPTP VPN Client	✓
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L2TP VPN Client	-
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Parental Control	Time Schedule
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Protect TCP Flood Attacks	✓
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Protect ICMP Attacks	-
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Protect UDP Flood Attacks	-
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### System

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

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Power Adapter	1
Quick Start Guide	1
Cat5E UTP Cable	1

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 **Redefine your easy network**

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