DATASHEET

RG-M32

3200M Wi-Fi 6 Dual-band Gigabit Mesh Router

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

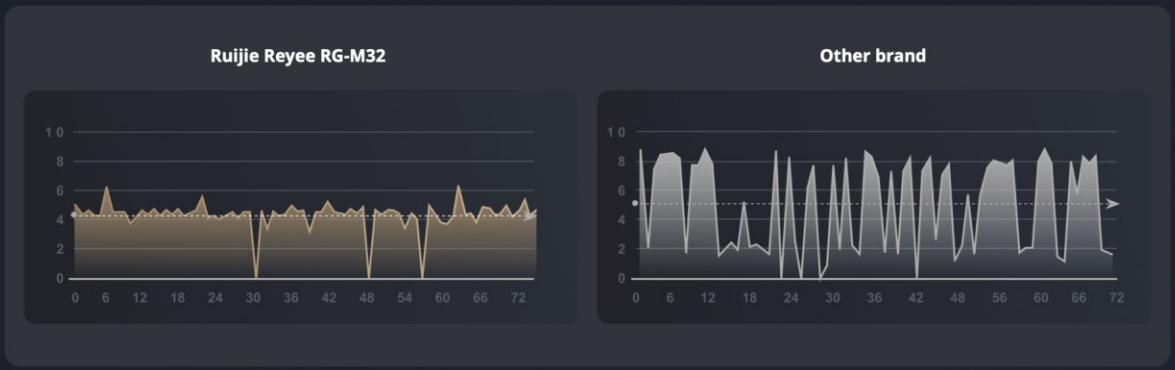
Date: 2026.9.8

Highlight Features

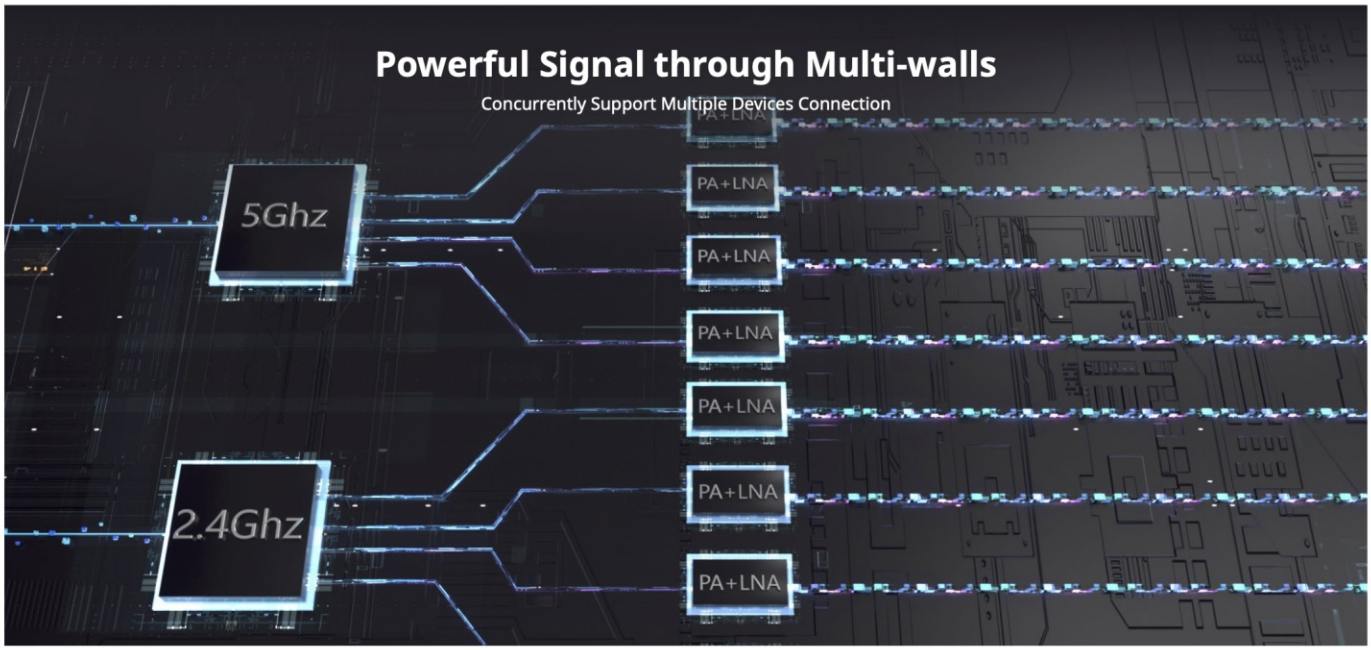
Supported by 4x4 Enterprise Level Chipset
Enjoy Better Stability under Heavy Load

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

Source: Tolly Test Report #221149 Nov. 2021



Highlight Features



Signal Visualization

Smart signal indicator guides you tofind the best spot.

Mesh by One-click

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

Hardware Specifications

Model	RG-M32
Environment and Reliability	
Operating humidity	5% RH to 95% RH (non-condensing)
Operating temperature	-10 °C to +45 °C (14 °F to 113 °F)
Storage humidity	5% RH to 95% RH (non-condensing)
Storage temperature	-40 °C to +70 °C (-40 °F to 158 °F)
Antenna	
Antenna	4 x internal omnidirectional antennas
Antenna gain (2.4 GHz)	2.5 dBi
Antenna gain (5 GHz)	3 dBi
Dimensions and Weight	
Product dimensions (W x D x H)	119 mm × 119 mm × 200 mm (4.69 in. × 4.69 in. × 7.87 in.) (excluding antennas)
Weight	0.66 kg (1.46 lbs) (without packaging materials) 1.05 kg (2.31 lbs) (with packaging materials)
Certification and Regulatory Compliance	
Certification	CE
Port Specifications	
LEDs	1 x system status LED 4 x Ethernet port LEDs
LAN ports	3 x 10/100/1000BASE-T ports
WAN ports	1 x 10/100/1000BASE-T port

Hardware Specifications

Model	RG-M32
Wi-Fi Radio	
Operating band	IEEE 802.11b/g/n，2.400GHz~2.4835GHz； IEEE 802.11a/n/ac/ax，5.150GHz～5.350GHz； IEEE 802.11a/n/ac/ax，5.470GHz～5.725GHz； IEEE 802.11a/n/ac/ax，5.725GHz～5.850GHz
FEM	EPA
Max. Wi-Fi Speed	2.4 GHz, 800 Mbps 5 GHz, 2402 Mbps
Maximum transmit power	2.4 GHz: 802.11b: 27 dBm 802.11g: 6 Mbps 27 dBm; 54 Mbps 24 dBm 802.11n: MCS0 27 dBm; MCS7 23 dBm 5 GHz: 802.11a: 6 Mbps 26 dBm; 54 Mbps 22 dBm 802.11n: MCS0 26 dBm; MCS7 22 dBm 802.11ac: MCS0 26 dBm; MCS9 20 dBm 802.11ax: MCS0 26 dBm; MCS 20 dBm; MCS11 19 dBm Note: The transmit power varies according to regulations in different countries and regions.

Hardware Specifications

Model	RG-M32
Maximum transmit power(EIRP)	Frequency bands using and the max EIRP: Note: Country specific restrictions apply European Union & United Kingdom: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 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 Vietnam:

Hardware Specifications

Model	RG-M32
	2400-2483.5 MHz, EIRP ≤ 23 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm
MIMO	2.4 GHz, 4 x 4 5 GHz, 4 x 4
Wi-Fi standard	Wi-Fi 6 (IEEE 802.11ax)
Highest QAM order	1024
2.4 GHz channel width	Auto/20/40 MHz
5 GHz channel width	Auto/20/40/80 MHz
Power Supply and Consumption	
Power supply	DC 12 V 2.5 A
Product Information	
Warranty	3 years
System Specifications	
RAM	256 MB

Software Specifications

Model	RG-M32
IP Service	
Port mapping	Yes
ARP binding	Yes
Number of ARP binding entries	64
DDNS	Yes
No-IP DNS	Yes
Ruijie DDNS	Yes
NAT-DMZ	Yes
Number of port mapping entries	50
UPnP	Yes
IPv6	Yes
Basic Configurations	
LED management	Yes
Internet access mode	PPPoE, DHCP, Static IP, WISP
Preconfiguration	Yes
Reset and keep configurations	Yes
Restoring factory defaults	Yes
Configuration backup	Yes
Local upgrade	Yes
Online upgrade	Yes
Scheduled upgrade	No

Software Specifications

Model	RG-M32
Disabling the physical Reset button	No
Connectivity detection configuration	Yes
AP mode	Yes
Ethernet Switching	
WAN port aggregation	No
LAN port aggregation	No
Specifying the VLAN tag	Yes
Network Management and Monitoring	
Line detection	Yes
Arabic	Yes
Chinese (Hong Kong Traditional)	Yes
Chinese (Simplified)	Yes
English	Yes
Indonesian	Yes
Italian	Yes
Russian	Yes
Spanish (Latin America)	Yes
Thai	Yes
Turkish	Yes
Vietnamese	Yes
Ruijie Cloud management	Yes

Software Specifications

Model	RG-M32
Scheduled device restart	Yes
eWeb login password length	8 to 63 characters
Wired repeater mode	Yes
Wireless repeater mode	Yes
WISP mode	Yes
User agreement signing	Yes
Ethernet Interface	
MAC address cloning	Yes
VLAN-based IPTV	Yes
SIM Card Management	
Batch import of APN configurations	No
Number of APN configurations for batch import	No
Wireless Configuration	
Guest Wi-Fi	Yes
Flow Control	
Flow control based on number of users	Yes
Standalone/Shared mode	Yes
Interface flow control	Yes
Rate Limiting	

Software Specifications

Model	RG-M32
Client-based rate limiting	Yes
Security	
Encryption mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK, WPA3-SAE, WPA2-PSK/WPA3-SAE
Multicast	
IGMP proxy	Yes
IGMP snooping	Yes Note: Not supported by wired connections when IPTV is turned on
Behavior Management	
Parental control	Yes
Client access control (based on MAC addresses)	Yes
Client access control (based on time)	Yes
Maximum number of controlled clients	32
Maximum number of parental control policies	32
Selecting clients from the client list to block their access to the Internet	Yes
Specifying MAC addresses of controlled clients	Yes

Software Specifications

Model	RG-M32
VPN	
Number of concurrent tunnels supported by the OpenVPN server	8
Certificate authentication	Yes
OpenVPN bandwidth	13 Mbps
OpenVPN client	Yes
OpenVPN server	Yes
Server domain name configuration	Yes
Username and password authentication	Yes
Number of concurrent tunnels supported by the PPTP VPN server	30
PPTP VPN client	Yes
PPTP VPN server	Yes
System Performance Capacity	
Recommended number of concurrent clients	12 (2.4 GHz) 48 (5 GHz)
IPTV/IGMP client capacity	5
IPTV/IGMP multicast capacity	5
IPTV/IGMP wired forwarding performance	25 Mbps

Software Specifications

Model	RG-M32
Recommended camera limit	6 (2.4 GHz) 16 (5 GHz)
Reyee Mesh 3.0	
Reyee Mesh 3.0	Yes
Automatic switching between wired and wireless repeater mode	Yes
Recommended hop count	2
Maximum number of clients	192
Maximum number of devices	32
IPTV/VLAN	
Multiple IPTV ports	Yes
WLAN	
1024-QAM	Yes
OFDMA	Yes (DL OFDMA)
MLO	No
DFS	Yes
802.11k/v roaming	Yes
Wi-Fi blocklist capacity	64
SSID hiding	Yes
Beamforming	Yes

Package Contents

Model	RG-M32
Device	
Device	1
Manual	
User Manual	1
Warranty Card	1
Accessories	
Ethernet cable	1
Power adapter	1

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Redefine your easy network

Ruijie Networks Co., Ltd.

Official Website: https://Reyee.Ruijie.com