

# RG-M18 1800M 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

**RG-M18**

### Mesh More Cover All

All-round upgrade of Wi-Fi performance  
Improve the overall network experience for users



4 Internal Antennas



1800M Dual-band



802.11ax



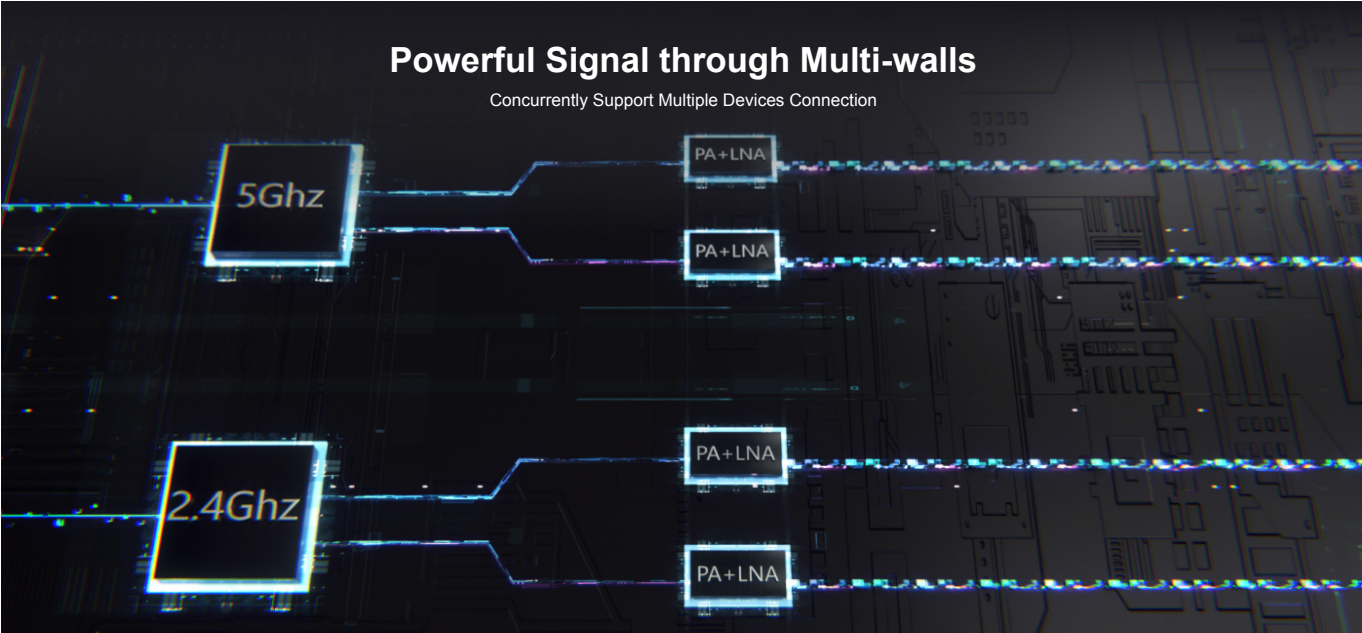
### Enter the Era of Wi-Fi 6 Speed

With a revolutionary combination of **OFDMA** and **1024QAM**, and the latest 802.11ax standard, RG-M18 dual-band concurrent transmission rate reaches **1800Mbps**, providing high-speed internet at all time.



### Powerful Signal through Multi-walls

Concurrently Support Multiple Devices Connection



5Ghz

2.4Ghz

PA+LNA

PA+LNA

PA+LNA

PA+LNA

## Highlight Features

### Signal Visualization

- Weak
- Unstable
- Good
- Powerful



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**



#### 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 × 128 mm × 201 mm (4.7 in. × 5 in. × 7.9 in. antennas not included)
Weight	1.3 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/40/80/160 MHz
Antennas	4 dual-band
Antennas Type	Internal Omnidirectional
Antenna Gain	2.4 GHz: 9 dBi 5 GHz: 9 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	< 24 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)
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Operating Humidity	5% to 95% Noncondensing
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Certifications	CE, SIRIM, RCM RoHS
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### Wireless

OFDMA	✓
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MU-MIMO	✓
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BSS Coloring	✓
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Maximum Number of SSIDs	6
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SSID Hiding	✓
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Band Steering	✓
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Guest Wi-Fi	✓
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WPA/WPA2	✓
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WPA3	-
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Roaming	Layer 3 Roaming
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Blacklist	✓
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Reyee Mesh	✓
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Mesh Pairing by Hardware	✓
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Mesh Pairing by Mesh Button	✓
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Mesh Pairing by Eweb	✓
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## Specifications

### Wireless

Recommended Hop Count	≤2
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Wi-Fi Optimization	✓
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QoS (WMM)	✓
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WPS	-
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Transmission Power Adjustment	✓
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### Hardware

CPU	MT7622B+MT7911AN+MT7915AN
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Flash	16 MB
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RAM/SDRAM	64 MB
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Color	Black
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System LED Indicator	✓
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Reyee Mesh LED Indicator	✓
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Reyee Mesh Button	✓
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Power Button	✓
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Reset Button	✓
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DC Connector Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.0 mm Length: 9.8 mm (Outer Diameter: 0.22 in. Inner Diameter: 0.07 in. Length: 0.39 in. )
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### WAN

Static IP	✓
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DHCP	✓
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PPPoE	✓
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## Specifications

### WAN

Learning PPPoE Account & Password	✓
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VLAN Tagging	✓
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### LAN

DHCP Server	✓
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Client List	✓
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Static IP Assignment	✓
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Port-Based Flow Control	✓
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### Features

IPv6	✓
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DDNS	✓
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IPTV	✓
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Alarm	✓
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Diagnosis	✓
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UPnP	✓
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ARP Binding	✓
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Port Mapping	✓
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DMZ Host	✓
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Rate Limitation of Terminals	✓
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Hardware Acceleration	✓
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MAC Address Cloning	✓
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Cloud Management	✓
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Repeater Mode	✓
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WISP Mode	-
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## 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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