

# RG-M18 1800M Wi-Fi 6 Dual-band Gigabit Mesh\* Router

DATASHEET



## Highlights

- An unprecedented wireless experience with Wi-Fi 6
- Strong signal received, feels like “wall-less”
- Born for multi-user, support up to 192 terminals
- Exclusive Reyee Mesh provides full space coverage Wi-Fi solution
- 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



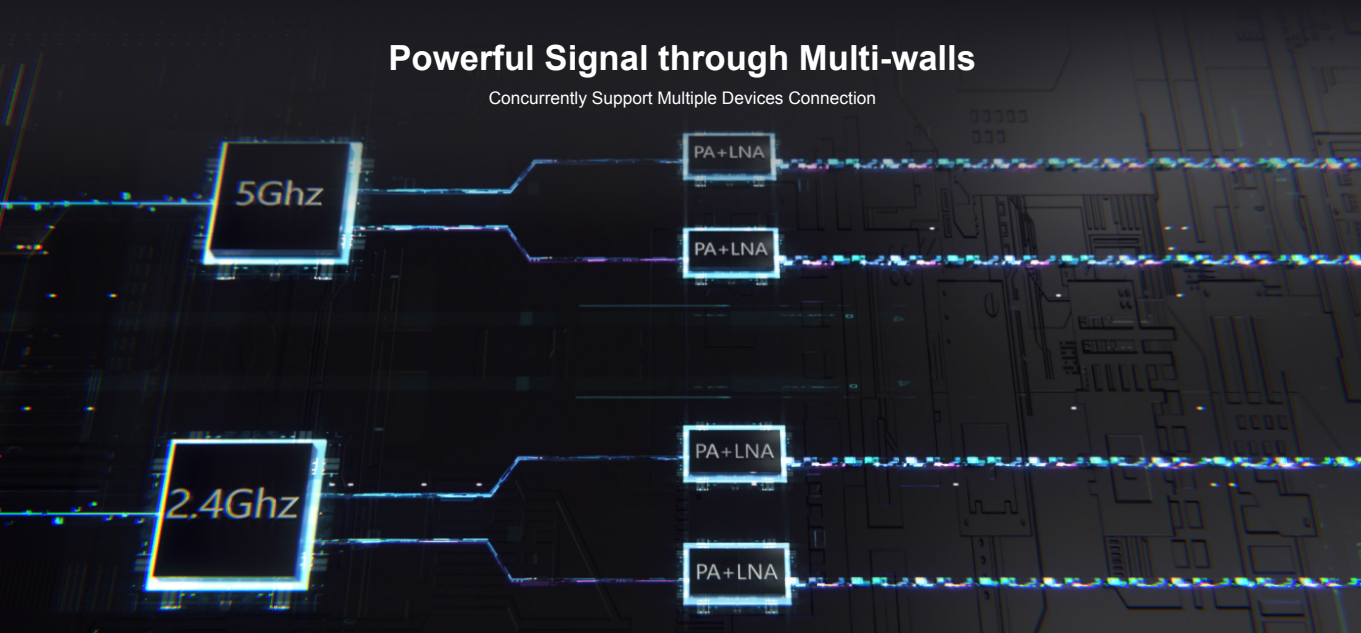
## Enter the Era of Wi-Fi 6 Speed

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



The diagram illustrates the signal flow for both 5GHz and 2.4GHz bands. Each band's signal path is shown as a blue line that passes through two separate PA+LNA (Power Amplifier + Low Noise Amplifier) components, demonstrating the device's capability to support multiple concurrent connections through multi-walls.

# 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**



### 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)	91.5 mm × 91.5 mm × 180.6 mm (3.6 in. × 3.6 in. × 7.1 in. antennas not included)
Weight	0.369kg (packages not included)
Wi-Fi Standards	Wi-Fi 6 (802.11ax)
MIMO	2.4 GHz, 2×2, MU-MIMO 5 GHz, 2×2, MU-MIMO
Max. Wi-Fi Speed	2.4 GHz: 574 Mbps 5 GHz: 1201 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80/ MHz
Antennas	4
Antennas Type	Internal Omnidirectional
Antenna Gain	2.4 GHz: 4.0dBi 5 GHz: 6.8dBi
WAN Port	1×10/100/1000 Base-T
LAN Ports	2×10/100/1000 Base-T
Recommended Users	48
Max. Users	192
Power Supply	DC 12V/1.5A
Power Consumption	< 18 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	General: CE EIRP: ≤20dBm (2.4GHz) ≤27dBm (5GHz) ≤20dBm 2400~2483.5MHz(Bluetooth) Myanmar: 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, 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  $\leq 2$

Wi-Fi Optimization ✓

QoS (WMM) ✓

WPS -

Transmission Power Adjustment ✓

## Hardware

CPU MT7621A+MT7905DAN+MT7975DN

Flash 16 MB

RAM/SDRAM 256 MB

Color White

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 ✓

PPTP VPN Client ✓

L2TP VPN Client -

Parental Control Time Schedule

Protect TCP Flood Attacks ✓

Protect ICMP Attacks -

Protect UDP Flood Attacks -

### System

Default Access/Password 192.168.110.1  
No Password Required by Default

URL Access ✓

Local Upgrade ✓

Online Upgrade ✓

APP Upgrade ✓

Syslog ✓

Backup ✓

Factory Reset ✓

Language Chinese  
English  
Vietnamese  
Indonesian  
Thai  
Arabic  
Traditional Chinese  
Spanish  
Russian



## Package Contents

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