

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

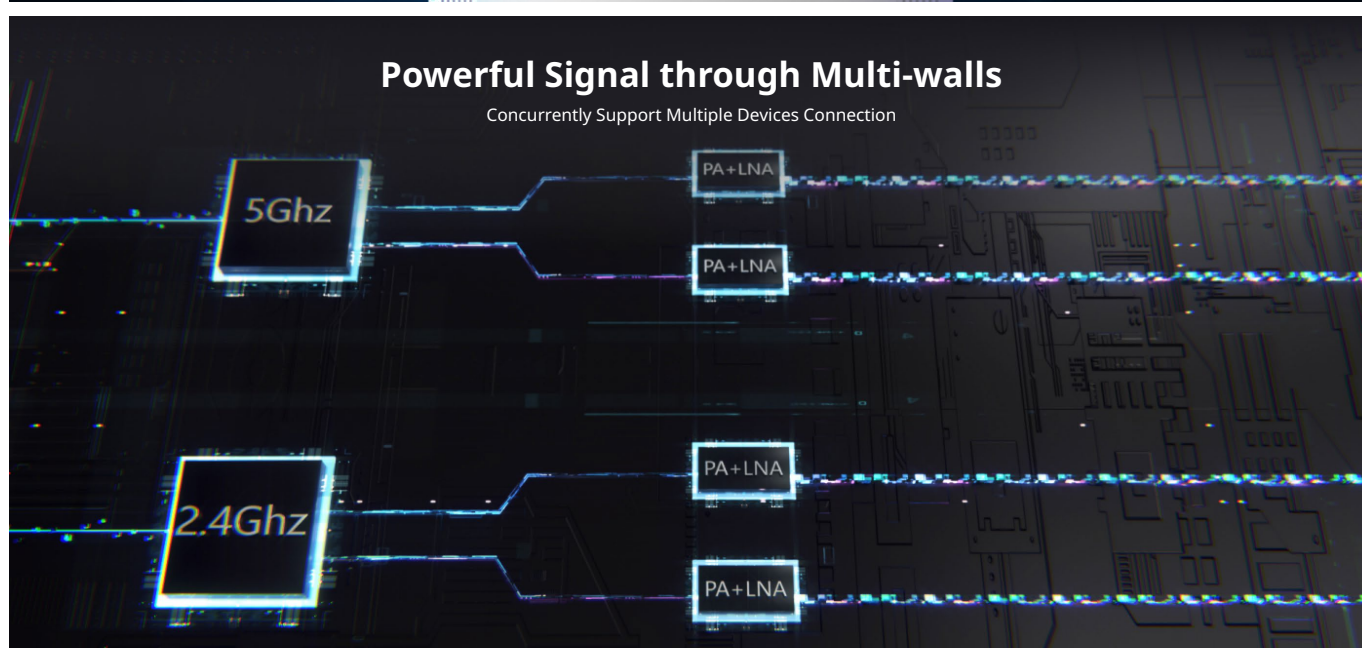


Enter the Era of Wi-Fi 6 Speed

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.

WiFi 6

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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



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](#)



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.



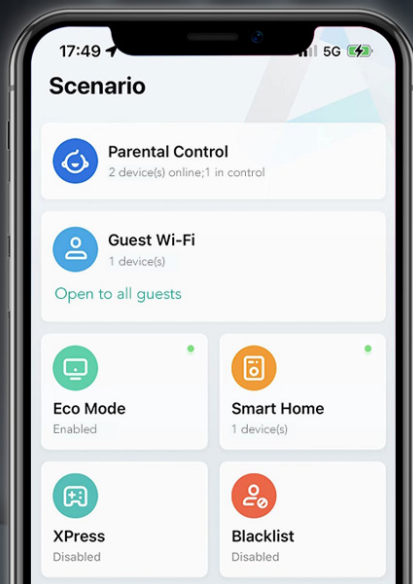
Remote Management



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
DFS	✓
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)
Operating Humidity	5% to 95% Noncondensing
Certifications	CE, 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	≤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	✓

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.)

DC Connector Dimensions

WAN

Static IP	✓
DHCP	✓
PPPoE	✓

Specifications

WAN

Learning PPPoE Account & Password



VLAN Tagging



LAN

DHCP Server



Client List



Static IP Assignment



Port-Based Flow Control



Features

TR069



IPv6



DDNS



IPTV



Alarm



Diagnosis



UPnP



ARP Binding



Port Mapping



DMZ Host



Rate Limitation of Terminals



Hardware Acceleration



MAC Address Cloning



Cloud Management



Repeater Mode



Specifications

Security

WISP Mode	✓
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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 **Redefine your easy network**

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