

Wi-Fi 6 Whole Home Mesh Router/Repeater AX1800 57MM-MR01



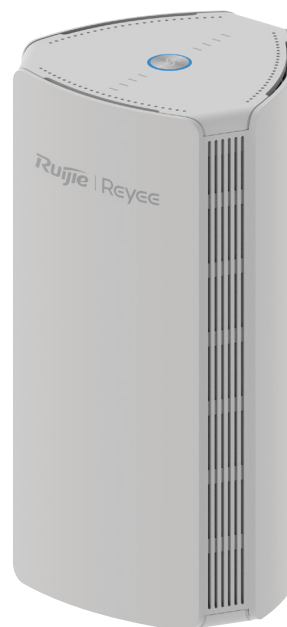
The MR01 is an AX1800 in-home meshing Wi-Fi 6 router or Wi-Fi repeater designed to cover whole home spaces with fast and reliable Wi-Fi. This new-generation Wi-Fi 6 mesh router provides super-fast wireless internet thanks to its gigabit dual-band (2.4GHz and 5GHz) and a combined speed of up to 1.8Gbps. The aesthetically pleasing design allows you to blend it into any decor seamlessly. Also available in a convenient twin pack to cover larger areas if required (57MM-MR01-2). Simple and easy to set up using the free Ruijie application.

3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

Features and Benefits

- » Immerse yourself in the perfect blend of aesthetics and functionality with our state-of-the-art Wi-Fi 6 meshing router/repeater. Experience seamless high-performance connectivity and enjoy reliable wireless coverage throughout your entire home.
- » Wi-Fi 6 (802.11ax) supporting speeds up to 1775 Mbps (Concurrent, high-speed wireless access of 574Mbps at 2.4GHz and 1201Mbps at 5Ghz)
- » Simple plug and play using the free Ruijie cloud application on PC, Android or iOS.
- » MR01 features 1 x WAN and 2 x LAN Gigabit ethernet ports.
- » Perfect for use in homes and small office/commercial spaces where cabling is impossible.
- » Smart signal indicator, find the best spot to place a sub-router
- » IPSec VPN: Up to 8 branches



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Dimensions (W×D×H)	91.5 mm x 91.5 mm x 180.6 mm (3.6 in. x 3.6 in. x 7.1 in. antennas not included)
Weight	0.369kg (packages not included)
Wi-Fi Standards	Wi-Fi 6 (802.11ax)
MIMO	2.4 GHz, 2x2, MU-MIMO 5 GHz, 2x2, 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	1x10/100/1000 Base-T
LAN Ports	2x10/100/1000 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);
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	Yes
MU-MIMO	Yes
BSS Coloring	Yes

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57MM-MR01



Maximum Number of SSIDs	6
SSID Hiding	Yes
Band Steering	Yes
Guest Wi-Fi	Yes
WPA/WPA2	Yes
WPA3	-
Roaming	Layer 3 Roaming
Blacklist	Yes
Reyee Mesh	Yes
Mesh Pairing by Hardware	Yes
Mesh Pairing by Mesh Button	Yes
Mesh Pairing by Eweb	Yes
Recommended Hop Count	≤2
Wi-Fi Optimization	Yes
QoS (WMM)	Yes
WPS	-
Transmission Power Adjustment	Yes
Hardware	
CPU	MT7621A+MT7905DAN+MT7975DN
Flash	16 MB
RAM/SDRAM	256 MB
Color	White
System LED Indicator	Yes
Reyee Mesh LED Indicator	Yes
Reyee Mesh Button	Yes
Power Button	-
Reset Button	Yes
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	Yes
DHCP	Yes
PPPoE	Yes