

## 3.2 Gbps Ultra High-Speed Wi-Fi 6 Mesh Gigabit Router Dual-band 802.11ax 57MM-WR03



The 57MM-WR03 is a Wi-Fi 6 Gigabit ultra fast meshing router offering speeds up to 800 Mbps over 2.4 GHz and 2400 Mbps over 5 GHz Wi-Fi channels for a combined impressive 3200Mbps. With the 8x omnidirectional antennas, the WR03 provides a strong and consistently high throughput Wi-Fi signal throughout your home, office or large commercial spaces. In addition, you can easily build your home or office network using MESH technology while managing and supporting the system via the free cloud-based app.

**Ruijie**

### Features and Benefits

- » Wi-Fi 6 dual-band 802.11ax supporting speeds up to 3200 Mbps and up to 192 simultaneous users
- » MESH technology for seamless roaming between units
- » Simple setup and network management at your fingertips with the Reyee Router app
- » Eight antennas with eight signal amplifiers provide powerful ultra high-speed whole-home, building network coverage
- » Perfect for connecting home, office and public area smart Wi-Fi devices to the internet with built-in flexible parental controls
- » 1x WAN, 4x LAN (RJ45 10/100/1000Mbps)



# 3.2 Gbps Ultra High-Speed Wi-Fi 6 Mesh Gigabit Router Dual-band 802.11ax 57MM-WR03



*For the Best*

## 57MM-WR03 Specifications

| Hardware Specifications      |                                                                                                                                                                                                          |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (WxDxH)           | 190 mm x 190 mm x 41 mm<br>(7.48 in. x 7.48 in. x 1.61 in.<br>antennas not included)                                                                                                                     |
| Weight                       | 0.8 kg (packages not<br>included)                                                                                                                                                                        |
| Wi-Fi Standards              | Wi-Fi 6 (802.11ax)                                                                                                                                                                                       |
| MIMO                         | 2.4 GHz, 4x4, MU-MIMO 5<br>GHz, 4x4, MU-MIMO                                                                                                                                                             |
| Max. Wi-Fi Speed             | 2.4 GHz: 800 Mbps<br>5 GHz: 2402 Mbps                                                                                                                                                                    |
| Channel Width                | 2.4 GHz: Auto/20/40 MHz<br>5 GHz: Auto/20/40/80 MHz                                                                                                                                                      |
| Antennas                     | 8                                                                                                                                                                                                        |
| Antennas Type                | External Omnidirectional                                                                                                                                                                                 |
| Antenna Gain                 | 2.4 GHz: 5 dBi<br>5 GHz: 6 dBi                                                                                                                                                                           |
| WAN Port                     | 1x10/100/1000 Base-T Port                                                                                                                                                                                |
| LAN Ports                    | 4x10/100/1000 Base-T<br>Ports                                                                                                                                                                            |
| Recommended Users            | 60                                                                                                                                                                                                       |
| Max. Users                   | 192                                                                                                                                                                                                      |
| Power Supply                 | DC 12V/2.5A                                                                                                                                                                                              |
| Power Consumption            | ≤36W                                                                                                                                                                                                     |
| Operation Frequency<br>Bands | 802.11b/g/n: 2.400 GHz to<br>2.483 GHz<br>802.11a/n/ac/ax: 5.150 GHz<br>to 5.350 GHz<br>802.11a/n/ac/ax: 5.470 GHz<br>to 5.725 GHz , 5.725 GHz to<br>5.850 GHz<br>country-specific restrictions<br>apply |
| Transmit Power               | Regular: CE EIRP: ≤20 dBm<br>(2.4 GHz)<br>≤27 dBm (5 GHz)                                                                                                                                                |
| Operating Temperature        | -10 °C to +45 °C (14 °F to<br>113 °F)                                                                                                                                                                    |
| Operating Humidity           | 5% to 95% Noncondensing                                                                                                                                                                                  |
| Certifications               | CE,RoHS                                                                                                                                                                                                  |
| Wireless                     |                                                                                                                                                                                                          |
| OFDMA                        | Yes                                                                                                                                                                                                      |
| MU-MIMO                      | Yes                                                                                                                                                                                                      |
| BSS Coloring                 | Yes                                                                                                                                                                                                      |
| Maximum Number of SSIDs      | 6                                                                                                                                                                                                        |
| SSID Hiding                  | Yes                                                                                                                                                                                                      |
| Band Steering                | Yes                                                                                                                                                                                                      |
| Guest Wi-Fi                  | Yes                                                                                                                                                                                                      |

| WPA/WPA2                             | Yes                                                                                    |
|--------------------------------------|----------------------------------------------------------------------------------------|
| WPA3                                 | No                                                                                     |
| Roaming                              | Layer 2 Roaming                                                                        |
| Blacklist                            | Yes                                                                                    |
| Reyee Mesh                           | Yes                                                                                    |
| Mesh Pairing by Hardware             | Yes                                                                                    |
| Mesh Pairing by Mesh                 | Yes                                                                                    |
| Button                               |                                                                                        |
| Mesh Pairing by Eweb                 | Yes                                                                                    |
| Recommended Hop Count                | ≤5                                                                                     |
| Wi-Fi Optimization                   | Yes                                                                                    |
| QoS (WMM)                            | Yes                                                                                    |
| WPS                                  | No                                                                                     |
| Transmission Power<br>Adjustment     | Yes                                                                                    |
| Hardware                             |                                                                                        |
| RAM/SDRAM                            | 256 MB                                                                                 |
| Color                                | Black                                                                                  |
| System LED Indicator                 | Yes                                                                                    |
| Reyee Mesh LED Indicator             | Yes                                                                                    |
| Reyee Mesh Button                    | Yes                                                                                    |
| Power Button                         | No                                                                                     |
| Reset Button                         | Yes                                                                                    |
| DC Connector Dimensions              | 5.5 mm x 2.1 mm x 11.5 mm<br>(0.22 in. x 0.08 in. x 0.45 in.<br>antennas not included) |
| WAN                                  |                                                                                        |
| Static IP                            | Yes                                                                                    |
| DHCP                                 | Yes                                                                                    |
| PPPoE                                | Yes                                                                                    |
| Learning PPPoE Account &<br>Password | Yes                                                                                    |
| VLAN Tagging                         | Yes                                                                                    |
| LAN                                  |                                                                                        |
| DHCP Server                          | Yes                                                                                    |
| Client List                          | Yes                                                                                    |
| Static IP Assignment                 | Yes                                                                                    |
| Port-Based Flow Control              | Yes                                                                                    |
| Features                             |                                                                                        |
| IPv6                                 | Yes                                                                                    |
| DDNS                                 | Yes                                                                                    |
| IPTV                                 | Yes                                                                                    |
| Alarm                                | Yes                                                                                    |
| Diagnosis                            | Yes                                                                                    |
| UPnP                                 | Yes                                                                                    |
| ARP Binding                          | Yes                                                                                    |
| Port Mapping                         | Yes                                                                                    |
| DMZ Host                             | Yes                                                                                    |
| Rate Limitation of<br>Terminals      | Yes                                                                                    |

## 3.2 Gbps Ultra High-Speed Wi-Fi 6 Mesh Gigabit Router Dual-band 802.11ax 57MM-WR03



*For the Best*

|                           |                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------|
| Hardware Acceleration     | Yes                                                                                                           |
| MAC Address Cloning       | Yes                                                                                                           |
| Cloud Management          | Yes                                                                                                           |
| Repeater Mode             | Yes                                                                                                           |
| WISP Mode                 | No                                                                                                            |
| <b>Security</b>           |                                                                                                               |
| PPTP VPN Server           | Yes                                                                                                           |
| PPTP VPN Client           | Yes                                                                                                           |
| L2TP VPN Client           | No                                                                                                            |
| Parental Control          | Yes                                                                                                           |
| Protect TCP Flood Attacks | Yes                                                                                                           |
| Protect ICMP Attacks      | Yes                                                                                                           |
| Protect UDP Flood Attacks | Yes                                                                                                           |
| <b>System</b>             |                                                                                                               |
| Local Upgrade             | Yes                                                                                                           |
| Online Upgrade            | Yes                                                                                                           |
| APP Upgrade               | Yes                                                                                                           |
| Syslog                    | No                                                                                                            |
| Backup                    | Yes                                                                                                           |
| Factory Reset             | Yes                                                                                                           |
| Language                  | Chinese<br>English<br>Vietnamese<br>Indonesian<br>Thai<br>Arabic<br>Traditional Chinese<br>Spanish<br>Russian |
| <b>Package Contents</b>   |                                                                                                               |
| Wireless Router           | 1                                                                                                             |
| Power Adapter             | 1                                                                                                             |
| Quick Start Guide         | 1                                                                                                             |
| Cat5E UTP Cable           | 1                                                                                                             |