

3 Gbps EG Series Ultra High-Speed Wi-Fi 6 Mesh Router Dual-band 802.11ax 57MM-WR05



The 57MM-WR05 is a Wi-Fi 6 Gigabit ultra fast meshing router offering speeds up to 574 Mbps over 2.4 GHz and 2402 Mbps over 5 GHz Wi-Fi channels for a combined impressive 2976 Mbps! With the 5 x omnidirectional antennas, the WR05 provides strong and consistently high throughput Wi-Fi signal throughout your home, office or large commercial spaces. Using the MESH technology with other EG series routers and Reyee access points, you can quickly build your home or office network and manage and support the system via the free cloud-based app.

3-Year Manufacturer's Warranty

Refer to website for full terms & conditions

Features and Benefits

- » Wi-Fi 6 dual-band 802.11ax supporting speeds up to 2976 Mbps with a maximum recommended 180 simultaneous users
- » Mesh technology for seamless roaming between EG series routers and Reyee access points
- » 1 fixed WAN, 1 fixed LAN with 3 x LAN/WAN switchable, 1 x USB 3.0 (RJ45 10, 100, 1000 Mbps)
- » Five antennas with five signal amplifiers providing powerful ultra high-speed whole-home, building network coverage
- » Rich enterprise-grade features for business scenarios
- » Simple setup and network management at your fingertips with the Reyee router app



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Hardware Specifications	
Hardware Basic	
Service Ports	5 x 10/100/1000 Base-T (1 fixed WAN, 1 fixed LAN, 3 LAN/WAN switchable) 1 x USB 3.0
SDRAM/RAM	512 MB
Flash Memory	128 MB
Radio Design	2.4GHz, 2x2, MU-MIMO 5GHz, 2x2, MU-MIMO
Standard & Protocol	Wi-Fi 6 (IEEE 802.11ax) Wi-Fi 5 (IEEE 802.11ac Wave 2) Wi-Fi 4 (IEEE 802.11n) IEEE 802.11a IEEE 802.11b/g
Operation Frequency Bands	802.11b/g/n/ax: 2.400 GHz to 2.4835 GHz 802.11a/n/ac/ax: 5.150 GHz to 5.350 GHz, 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz country-specific restrictions apply Egypt: 802.11b/g/n: 2.4 GHz ~ 2.4835 GHz 802.11a/n/ac: 5.150 GHz ~ 5.350 GHz
Antenna	5 External Antennas (2.4 GHz: 5 dBi, 5 GHz: 5 dBi)
Wireless Data Rate	2.4 GHz: 574 Mbps 5 GHz: 2402 Mbps
Max Transmit Power	5725 MHz to 5850 MHz: 33 dBm (EIRP) 5150 MHz to 5350 MHz: 23 dBm (EIRP) 2400 MHz to 2483.5 MHz: 20 dBm (EIRP) Myamar: 2400 MHz~2483.5 MHz ≤ 20 dBm 5150 MHz~5350 MHz ≤ 23 dBm 5470 MHz~5850 MHz ≤ 25 dBm Thailand: 2400 MHz~2483.5 MHz ≤ 20 dBm 5150 MHz~5350 MHz ≤ 23 dBm 5470 MHz~5725 MHz ≤ 25 dBm 5725 MHz~5850 MHz ≤ 30 dBm Egypt: 2400 MHz~2483.5 MHz ≤ 20 dBm (EIRP) 5150 MHz~5350 MHz ≤ 20 dBm (EIRP)
Basic Feature	
Modulation	OFDM: BPSK@6/9 Mbps, QPSK@12/18 Mbps, 16QAM@24 Mbps, 64QAM@48/54 Mbps DSSS: DBPSK@1 Mbps, DQPSK@2 Mbps, and CCK@5.5/11 Mbps MIMOOFDM: BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM OFDMA
Recommended maximum Clients	Recommended total clients: 180, Recommended wireless clients: 80
Recommended ISP Bandwidth	1.2 Gbps
Local Power Supply	100V~240V AC, 50/ 60Hz
Max Power Consumption	20 W

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Physical Parameters	
Dimensions (W x D x H)	283 mm x 172 mm x 46 mm (11.14 in. x 6.77 in. x 1.81 in.) Note: The value (46 mm/1.81 in.) only indicates the height of the main unit, excluding that of the antenna
Weight	≤ 2 kg (4.41 lbs)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	5% RH to 95% RH (non-condensing)
Storage Humidity	5% RH to 95% RH (non-condensing)
Software Specifications	
Basic Features	
Internet Access Mode	PPPoE Client DHCP Client Static IP
Access Mode Auto-Identification	Yes
WAN IP Address Conflict Avoidance	Yes
PPPoE Account and Password Learned from Other Routers	Yes
VLAN	8
IPv6	Yes
Network Management	
IPTV	Yes
AC Mode	Yes
Application Identification	App Block (Time/IP-based Policy) Website Filtering
Application Priority	Yes
Flow Control	Smart Flow Control Custom flow Control Policies IP-based Automatic Bandwidth Assignment
Traffic Audit	Real-time Traffic Audit
Fault Diagnosis	Yes
Marketing Authentication	WiFiDog (SMS Authentication and One-click Authentication)
Local Authentication	Portal Authentication Password Authentication QR Code Authentication
VPN	
L2TP VPN	Yes
PPTP VPN	Yes
IPsec VPN	Yes
OpenVPN	Yes
PPTP&L2TP&OpenVPN	100
Accounts	
IPsec VPN Performance	28 Mbps
L2TP VPN Performance	190 Mbps
OpenVPN Performance	20 Mbps
IPsec VPN Tunnels	8

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OpenVPN Tunnels	16
L2TP VPN Tunnels	8
Routing	
Static Routing	Yes
RIP/RIPng	Yes
Policy-based Routing	Yes
Active/Standby Switchover	Yes
WAN Port Load Balancing	Yes
IP-based Load Balancing	Yes
Flow-based Load Balancing	Yes
Load Balancing Based on Weights of Member Interfaces	Yes
ISP Routing	Yes
Networks	
PPPoE Client	Yes
PPPoE Server	Yes
DHCP Server	Yes
DNS Client	Yes
DNS Server	Yes
DNS Proxy	Yes
NTP Client	Yes
DDNS	Oray DDNS DynDns NO-IP Ruijie DDNS
NAT	Yes
NAPT	Yes
NAT ALG	Yes
Port Mapping	Yes
UPnP	Yes
Ruijie Cloud	Yes
ACL	
ACL	Yes
Time-based Extended ACL	Yes
Security	
Malicious Attack Prevention	Yes
ARP Binding	Yes
Port Scan Attack Prevention	Yes
Fragmentation Attack Prevention	Yes
DoS Teardrop Attack Prevention	Yes
Malformed Packet Attack Prevention	Yes
DoS LAND Attack Prevention	Yes
Smurf Attack Prevention	Yes

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SYN Flood Attack Prevention	Yes
WLAN	
Max Managed APs	Gateway Mode: 64 (Bypass mode is not supported.)
AP Management	Multi-SSID configuration SSID hiding, channel configuration power configuration AP wired port configuration AP online upgrade STA limit STA blacklist/whitelist
Roaming	Local roaming layer 2 roaming layer 3 roaming STA roaming track
Security	
Cloud Management	Yes
App Management	Yes
App Upgrade	Yes
App Restart	Yes
Scheduled Restart	Yes
Local Upgrade	Yes
Online Upgrade	Yes
Configuration Backup	Yes
Factory Settings	Yes