Wi-Fi 6 Meshing Gigabit Router Dual-band 802.11ax AX1800

RG-EW1800GXPRO

The RG-EW1800GXPRO is a Wi-Fi 6 Gigabit meshing router offering speeds up to 600 Mbps over 2.4 GHz and 1200 Mbps over 5 GHz Wi-Fi channels. With the 4 x omnidirectional antennas, the RG-EW1800GXPRO provides a strong and consistently high throughput Wi-Fi signal throughout your home or office. 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.

Former Part No. 57MM-WR02

3-Year Manufacturer's Warranty
For full terms & conditions, please see – Ruijie Warranty T&Cs.

Features and Benefits

- Wi-Fi 6 dual-band 802.11ax supporting speeds up to 1800 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
- 4T4R MU-MIMO allows the high-speed transmission to multiple devices simultaneously
- Perfect for connecting smart home and office Wi-Fi devices to the internet with built-in flexible parental controls.
- 1x WAN 4x LAN (RJ45 10/100/1000Mbps)

Wi-Fi 6 Meshing Gigabit Router Dual-band 802.11ax AX1800

RG-EW1800GXPRO

Specifications

Hardware

Wireless Parameters	2.4 GHz, 2x2, maximum rate of 600Mbps 5 GHz, 2x2, maximum rate of 1200Mbps 4 external non-detachable omnidirectional antennes 802.11 a/b/g/n/ac/ax and DL/UL MU-MIMO Independent 2.4 GHz and 5 GHz modules and dual-band mode Wi-Fi channel: 2.4GHz : 2.4G~2.4835GHz 5GHz: 5.150~5.250GHz, 5.250~5.350H, 5.470~5.725GH, 5.725~5.850GHz Beamforming, OFDMA, and BSS color technologies
Ports	One 10/100/1 000M WAN port (Auto MDI/MDIX) Four 10/100/1 000M LAN ports (Auto MDI/MDIX) One Reyee Mesh LED indicator and one system LED indicator One Reyee Mesh button (front) and one system reset button (rear) One power port
Physical	Dimensions : 180x180x30mm (Wx Dx H, excluding antennas) Weight 1.125 kg (including packages)
Power supply	Power specifications: DC 12 V, 1.5 A Maximum power: <18W
Certification	CE
Operating environment	Operating temperature: -10°C to +45°C Storage temperature: -40°C to + 70°C Operating humidity: 5% to 95% (non-condensing) Storage humidity: 5% to 95% (non-condensing)

Hardware (continued)

Main features	PPPoE, DHCP, static IP address for network connection Acquisition of PPPoE accounts from old routers Dual-band mode Priority to SG Wireless Transmission Power adjustment Automatic channel adjustment Guest Wi-Fi Rate limiting for terminal IP addresses Static DHCP address Virtual server DDNS DMZ UPnP
Network security	WPA-PSK/WPA2-PSK encryption SSID hiding Wi-Fi squatter prevention (Blacklist) Network access control IP & MAC Binding Firewall
Advanced features	Reyee Mesh: Supported by EW Series Routers. Enables Mix & Match, Self-Healing, etc Wireless roaming; Hardware NAT; One-click network optimization; Issue diagnosis; Remote maintenance on the cloud; Auto and manual software upgrade on the cloud; Silent upgrade of cloud software
Management mode	Local web page Ruijie Cloud app: iOS version, Android version