

RG-EW1800GX PRO

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
- Take control of your home network at your fingertips

Highlight Features

RG-EW1800GX PRO

An Unprecedented Wireless Experience in WiFi 6

All-round upgrade of Wi-Fi performance,
Improve the overall networking experience for users.



5 Gigabit
Ethernet ports



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,
1800GX PRO dual-band concurrent transmission rate reaches 1800Mbps,
providing **high-speed** internet at all time.



Highlight Features

Strong Signal Received, Feels like “wall-less”

Beamforming technology and built-in signal amplifiers combine to enhance strong Wi-Fi signal throughout your home.



* The data is supported by Tolly Test under the laboratory condition.

Seamless Roaming, Full Space Coverage Wi-Fi Solutions

Amazed by [Reyee Mesh](#)



Highlight Features

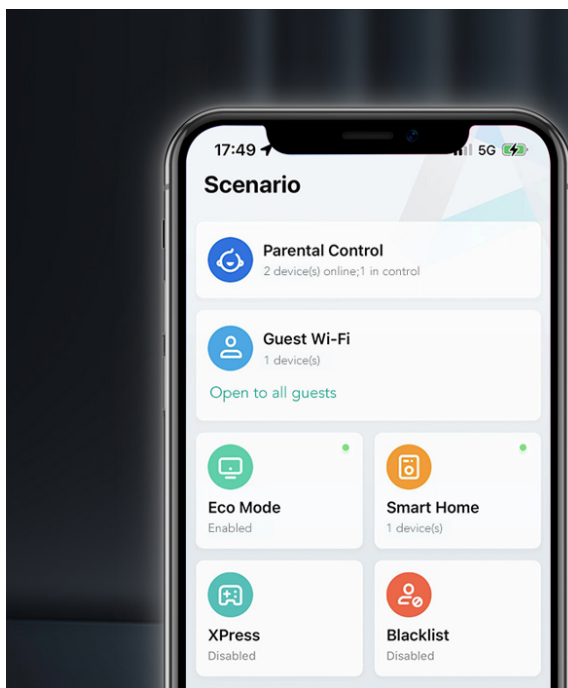
Born For Multi-user

Upgraded **MU-MIMO** version together with **OFDMA** tech provide 2.5x greater capacity to connect more terminals.
New-Gen tech "**BSS colouring**", Smart anti-interference from nearby Wi-Fi signals.



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) | 180 mm x 180 mm x 30 mm (7.09 in. × 7.09 in. × 1.18 in. antennas not included) |
| Weight | 0.55 kg (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 | External Omnidirectional |
| Antenna Gain | 2.4 GHz: 5 dBi 5 GHz: 6 dBi |
| WAN Port | 1×10/100/1000 Base-T Port |
| LAN Ports | 4×10/100/1000 Base-T Ports |
| Recommended Users | 48 |
| Max. Users | 192 |
| Power Supply | DC 12V/1.5A |
| Power Consumption | ≤18W |
| Operation Frequency Bands | 802.11b/g/n/ax: 2.400 GHz to 2.483 GHz 802.11a/n/ac/ax: 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 | Regular: CE EIRP: ≤20 dBm (2.4 GHz) ≤27 dBm (5 GHz) |
| Operating Temperature | 0 °C to +45 °C (32 °F to 113 °F) |
| Operating Humidity | 5% to 95% Noncondensing |
| Certifications | CE,RoHS |

Specifications

| Wireless | |
|-------------------------------|-----------------|
| OFDMA | ✓ |
| MU-MIMO | ✓ |
| BSS Coloring | ✓ |
| Maximum Number of SSIDs | 6 |
| SSID Hiding | ✓ |
| Band Steering | ✓ |
| Guest Wi-Fi | ✓ |
| WPA/WPA2 | ✓ |
| WPA3 | - |
| Roaming | Layer 2 Roaming |
| Blacklist | ✓ |
| Reyee Mesh | ✓ |
| Mesh Pairing by Hardware | ✓ |
| Mesh Pairing by Mesh Button | ✓ |
| Mesh Pairing by Eweb | ✓ |
| Recommended Hop Count | ≤5 |
| Wi-Fi Optimization | ✓ |
| QoS (WMM) | ✓ |
| WPS | - |
| Transmission Power Adjustment | ✓ |
| Hardware | |
| CPU | MT7621 |
| Flash | 16M |

Specifications

Hardware

| | |
|--------------------------|--|
| RAM/SDRAM | 256M |
| Color | White |
| System LED Indicator | ✓ |
| Reyee Mesh LED Indicator | ✓ |
| Reyee Mesh Button | ✓ |
| Power Button | - |
| Reset Button | ✓ |
| DC Connector Dimensions | 5.5 mm x 2.1 mm x 9.5 mm (0.22 in. x 0.08 in. x 0.37 in. antennas not included) |

WAN

| | |
|-----------------------------------|---|
| Static IP | ✓ |
| DHCP | ✓ |
| PPPoE | ✓ |
| Learning PPPoE Account & Password | ✓ |
| VLAN Tagging | ✓ |

LAN

| | |
|-------------------------|---|
| DHCP Server | ✓ |
| Client List | ✓ |
| Static IP Assignment | ✓ |
| Port-Based Flow Control | ✓ |

Features

| | |
|------|---|
| IPv6 | ✓ |
| DDNS | ✓ |
| IPTV | ✓ |

Specifications

Features

| | |
|------------------------------|---|
| Alarm | ✓ |
| Diagnosis | ✓ |
| UPnP | ✓ |
| ARP Binding | ✓ |
| Port Mapping | ✓ |
| DMZ Host | ✓ |
| Rate Limitation of Terminals | ✓ |
| Hardware Acceleration | ✓ |
| MAC Address Cloning | ✓ |
| Cloud Management | ✓ |
| Repeater Mode | ✓ |
| WISP Mode | - |

Security

| | |
|---------------------------|---|
| PPTP VPN Server | ✓ |
| PPTP VPN Client | ✓ |
| L2TP VPN Client | - |
| Parental Control | ✓ |
| 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 | ✓ |

Specifications

| System | |
|----------------|---|
| Local Upgrade | ✓ |
| Online Upgrade | ✓ |
| APP Upgrade | ✓ |
| Syslog | - |
| Backup | ✓ |
| Factory Reset | ✓ |
| Language | Chinese English Vietnamese Indonesian Thai Arabic Traditional Chinese Spanish Russian |

Package Contents

| Model | RG-EW1800GX PRO |
|-------------------|-----------------|
| Wireless Router | 1 |
| Power Adapter | 1 |
| Quick Start Guide | 1 |
| Cat5e UTP Cable | 1 |

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 Redefine your easy network



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