

Ruijie | 睿眼Reyee

# 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

## Specifications

### Basic

Dimensions ( WxDxH)	180 mm x 180 mm x 30 mm (7.09 in. x 7.09 in. x 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, 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	External Omnidirectional
Antenna Gain	2.4 GHz: 5 dBi 5 GHz: 6 dBi
WAN Port	1x10/100/1000 Base-T Port
LAN Ports	4x10/100/1000 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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