

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

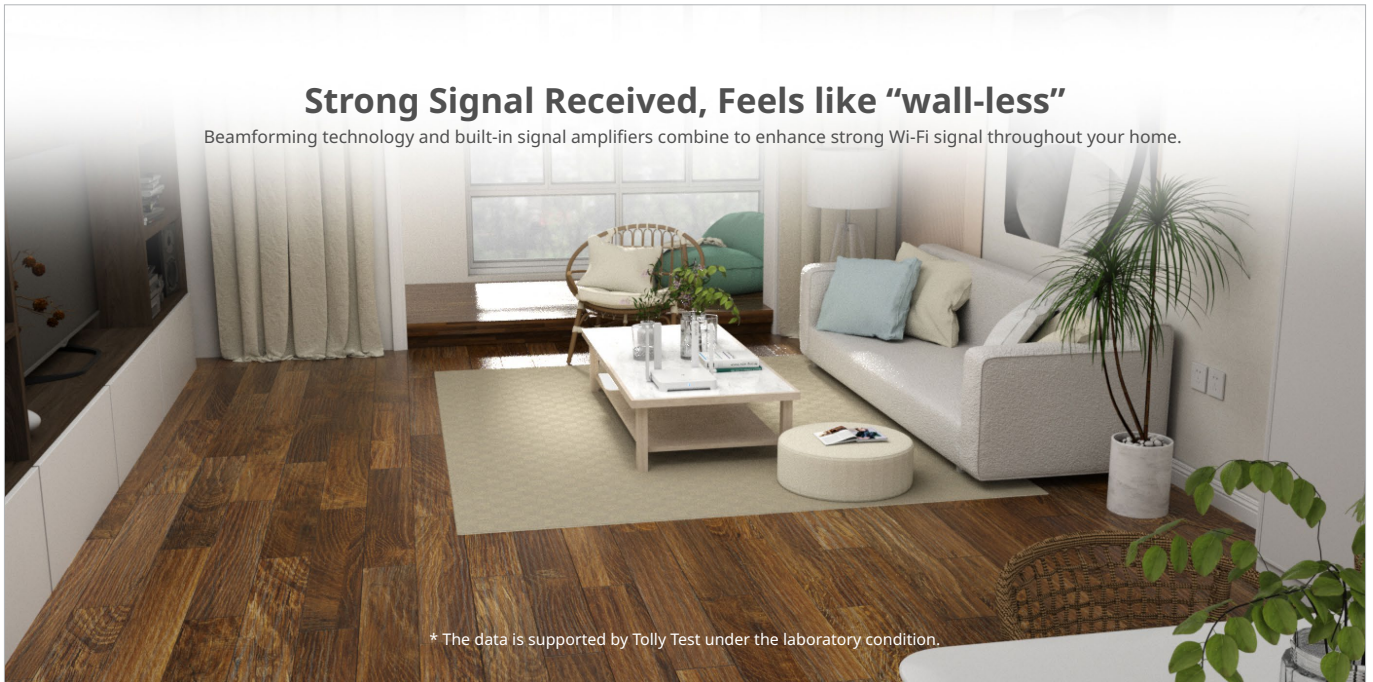
With a revolutionary combination of OFDMA and 1024QAM, and the latest 802.11ax standard,
1800GX PRO dual-band concurrent transmission rate reaches 1800Mbps,
providing **high-speed** internet at all time.



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

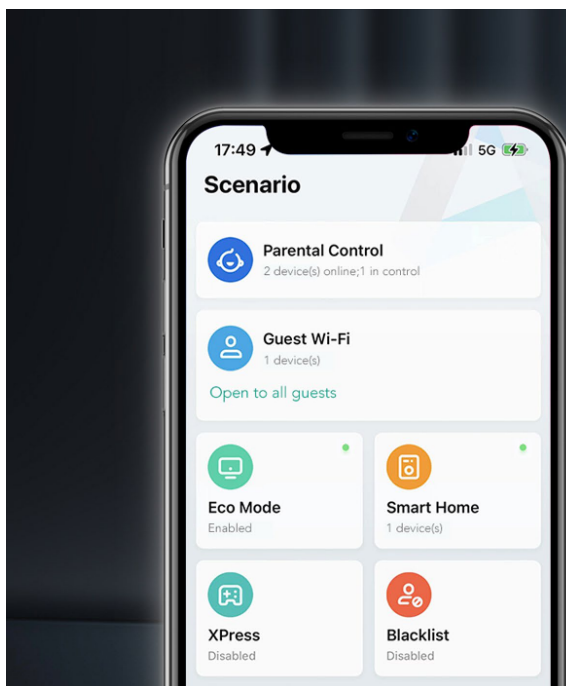
Born For Multi-user

Upgraded **MU-MIMO** version together with **OFDMA** tech provide 2.5× 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 × 180 mm × 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: 573Mbps 5 GHz: 1200Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80MHz
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
LAN Ports	4×10/100/1000 Base-T
Recommended Users	48
Max. Users	192
Power Supply	DC 12V/1.5A
Power Consumption	< 18 W
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
DFS	Support
Transmit Power	Regular: CE EIRP: ≤20 dBm (2.4 GHz) ≤27 dBm (5 GHz)

Operating Temperature	Working Temperature: -10 °C to +40 °C (14 °F to 104 °F)
Operating Humidity	5% to 95% Noncondensing
Certifications	CE, RoHS
Wireless	
MU-MIMO	Support
BSS Coloring	Support
Maximum Number of SSIDs	6
SSID Hiding	Support
Band Steering	Support
Guest Wi-Fi	Support
WPA/WPA2	Support
WPA3	Support
Roaming	Layer 2 Roaming Roaming with 802.11k and 802.11v
Blocklist	Support
Reyee Mesh	Support
Mesh Pairing by Hardware	Support
Mesh Pairing by Mesh Button	Support
Mesh Pairing by Eweb	Support
Recommended Hop Count	<2
Wi-Fi Optimization	-
QoS (WMM)	Support
WPS	-
Transmission Power Adjustment	Support
Hardware	
CPU	MT7621A

Flash	16 MB
RAM/SDRAM	256 M Byte
Color	White
System LED Indicator	Support
Reyee Mesh LED Indicator	Support
Reyee Mesh Button	Support
Power Button	-
Reset Button	Support
DC Connector Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 9.5 mm (Outer Diameter: 0.22 in. Inner Diameter: 0.08 in. Length: 0.37 in.)

WAN

Static IP	Support
DHCP	Support
PPPoE	Support
L2TP	Support
Learning PPPoE Account & Password	Support
VLAN Tagging	Support

LAN

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

Features

Preset	Support
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IPv6	Support
DDNS	Support
IPTV	Support
Alarm	Support
Diagnosis	Support
UPnP	Support
ARP Binding	Support
Port Mapping	Support
DMZ Host	Support
Rate Limitation of Terminals	Support
Hardware Acceleration	Support
MAC Address Cloning	Support
Cloud Management	Support
Repeater Mode	Support
WISP Mode	Support
AP Mode	Support
Security	
PPTP VPN Server	Support
PPTP VPN Client	Support
Open VPN Server	Support
Open VPN Client	Support
L2TP VPN Client	-
Parental Control	Support
Protect TCP Flood Attacks	Support
Protect ICMP Attacks	-
Protect UDP Flood Attacks	-

System	
Default Access/Password	192.168.110.1 No Password Required by Default
URL Access	Support
Local Upgrade	Support
Online Upgrade	Support
APP Upgrade	Support
Syslog	-
Backup	Support
Factory Reset	Support
Language	Chinese English Vietnamese Indonesian Thai Arabic Traditional Chinese Spanish Russian

Package Contents

Wireless Router	1
Power Adapter	1
Quick Start Guide	1
Warranty Card	1
Cat5E UTP Cable	1



 **R**edefine your **e**asy network

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