RG-EW1800GX PRO

1800M Wi-Fi 6 Dual-band Gigabit Mesh*

Router Datasheet

Ruijie Networks

Product Overview

Ruijie Reyee RG-EW1800GX PRO is a Gigabit, dual-band, Wi-Fi 6 wireless router designed to meet the needs of high quality, next-gen WiFi coverage. The device provides 1x Gigabit WAN and 4x Gigabit LAN ports.

The RG-EW1800GX supports 802.11ax on both 2.4GHz and 5GHz radios with a maximum data rate of 600Mbps and 1200Mbps respectively.
The device is able to cater to many concurrent wireless connections, but the recommended limit is 48 at any given time.

Ruijie Reyee Mesh technology enables the user to quickly connect multiple routers without any cabling or configurations. This allows users to easily provide large areas with wireless coverage with very little effort. The RG-EW1800GX is able to mesh with the whole EW Series Mesh router family.

With its fast roaming capability, users are able to move around from AP to AP without any service interruption.

The RG-EW1800GX supports various local and remote management platforms such as eWeb, Ruijie Cloud app (Android / IOS) and the Ruijie Cloud webpage. This makes managing the device possible no matter where you are in the world.

Technical Specifications

Model	RG-EW1800GX PRO
Wireless Parameters	2.4 GHz, 2x2, maximum rate of 600Mbps 5 GHz, 2x2, maximum rate of 1200Mbps
	4 external non-detachable omnidirectional antennas
	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, 5.4 70~5.725GH, 5.725~5.850GHz
	Beamforming, OFDMA, and BSS color technologies
Ports	1x 10/100/1000 WAN port (Auto MDI/MDIX)
	4x 10/100/1000 LAN ports (Auto MDI/MDIX)
	1x Reyee Mesh LED indicator and 1x system LED indicator
	1x Reyee Mesh button (front) and 1x system reset button (rear)
	1x Power port
Physical	Dimensions (W x D x H): 180 mm x 180 mm x 30 mm (excluding antennas)
	Weight 1.125 kg (including packages)
Power Supply	Power specifications: DC 12 V, 1.5 A
	Maximum power: < 18 W
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)