Ruijie | Reyee

DATASHEET

RG-EW1200G PRO

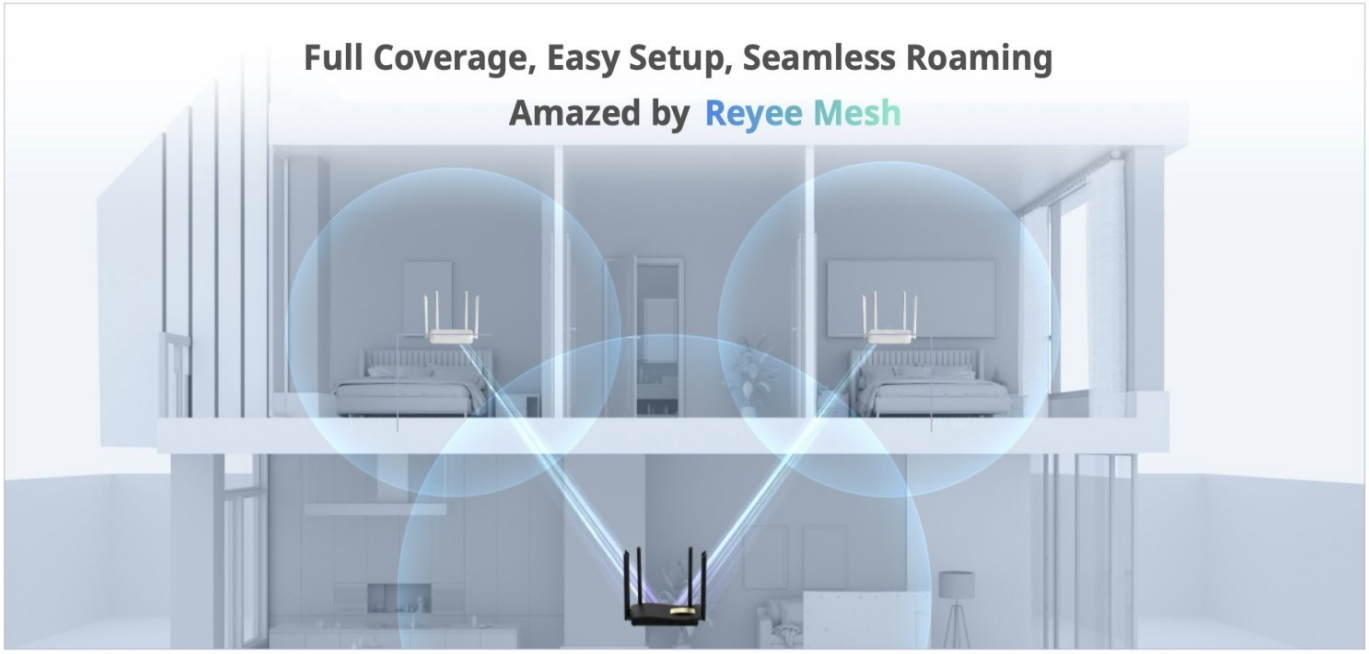
AC1300 Dual-band Gigabit Wireless Router

Highlights

- 802.11ac wave2
- Six omnidirectional antennas providing strong Wi-Fi signals
- Full coverage, easy setup, and seamless roaming
- Parental control and health mode
- 96 concurrent connections
- Easy network management at your fingertips with Reyee Router App

Date: 2026.9.8

Highlight Features



Highlight Features

Good Helper for Your Family Management

Parental Control | Health Mode

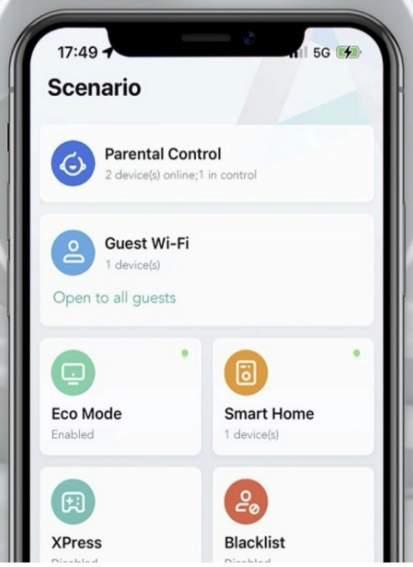
Ruijie Cloud App allows you to manage the internet access authority of the specified terminal, including the time limit, URL blocking and black/white list setup.

Parental Control | **Health Mode**

The health mode limits the radiation exposure and blacks out the indicator lights for you to have a good sleep.

Concurrently Support Multiple Devices Connection

Dual-Band integration together with the MU-MIMO technology offer low interference and fast speed internet to up to 96 terminals simultaneously.



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 Reboot | **Xpress Mode** | **Share Network**

Reyee

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Download on the App Store

Hardware Specifications

Model	RG-EW1200G PRO
Power Supply and Consumption	
Power supply	DC 12 V 1.5 A
Antenna	
Antenna	6 x external omnidirectional antennas
Antenna gain (2.4 GHz)	4.5 dBi
Antenna gain (5 GHz)	6 dBi
Environment and Reliability	
Operating humidity	5% RH to 95% RH (non-condensing)
Operating temperature	0 °C to +45 °C (32 °F to 113 °F)
Storage humidity	5% RH to 95% RH (non-condensing)
Storage temperature	-40 °C to +70 °C (-40 °F to 158 °F)
Product Information	
Warranty	3 years
Port Specifications	
LEDs	1 x system status LED 4 x Ethernet port LEDs
LAN ports	3 x 10/100/1000BASE-T ports
WAN ports	1 x 10/100/1000BASE-T port
Dimensions and Weight	
Product dimensions (W x D x H)	220 mm × 140 mm × 36 mm (8.66 in. × 5.51 in. × 1.42 in.) (excluding antennas)

Hardware Specifications

Model	RG-EW1200G PRO
Weight	0.39 kg (0.86 lbs) (without packaging materials) 0.98 kg (2.16 lbs) (with packaging materials)
System Specifications	
RAM	128MB
Certification and Regulatory Compliance	
Certification	CE, CB
Wi-Fi Radio	
Operating band	IEEE 802.11b/g/n，2.400GHz~2.4835GHz； IEEE 802.11a/n/ac，5.150GHz～5.350GHz； IEEE 802.11a/n/ac，5.470GHz～5.725GHz； IEEE 802.11a/n/ac，5.725GHz～5.850GHz
FEM	EPA
Max. Wi-Fi Speed	2.4 GHz, 400 Mbps 5 GHz, 867 Mbps
Maximum transmit power	2.4 GHz: 802.11b: 23 dBm 802.11g: 6 Mbps 23 dBm; 54 Mbps 21 dBm 802.11n: MCS0 23 dBm; MCS7 20 dBm 5 GHz: 802.11n: MCS0 23 dBm; MCS7 20 dBm 802.11a: 6 Mbps 23 dBm; 54 Mbps 21 dBm

Hardware Specifications

Model	RG-EW1200G PRO
	802.11ac: MCS0 23 dBm; MCS7 20 dBm; MCS9 19 dBm Note: The transmit power varies according to regulations in different countries and regions.
Maximum transmit power(EIRP)	Frequency bands using and the max EIRP: Note: Country specific restrictions apply European Union & United Kingdom: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm Myanmar: 2400-2483.5 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Thailand: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm Indonesia: 2400-2483.5 MHz, EIRP ≤ 27 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5725-5825 MHz, EIRP ≤ 23 dBm

Hardware Specifications

Model	RG-EW1200G PRO
	Egypt: 2400-2483.5 MHz, EIRP ≤ 20 dBm 5150-5350 MHz, EIRP ≤ 23 dBm Vietnam: 2400-2483.5 MHz, EIRP ≤ 23 dBm 5150-5350 MHz, EIRP ≤ 23 dBm 5470-5725 MHz, EIRP ≤ 30 dBm 5725-5825 MHz, EIRP ≤ 30 dBm
MIMO	2.4 GHz, 2 x 2 5 GHz, 2 x 2
Wi-Fi standard	Wi-Fi 5 (IEEE 802.11ac)
Highest QAM order	256
2.4 GHz channel width	Auto/20/40 MHz
5 GHz channel width	Auto/20/40/80 MHz

Software Specifications

Model	RG-EW1200G PRO
Ethernet Interface	
MAC address cloning	Yes
VLAN-based IPTV	Yes
Reyee Mesh 3.0	
Reyee Mesh 3.0	Yes
Automatic switching between wired and wireless repeater mode	Yes
Recommended hop count	2
Maximum number of clients	192
Maximum number of devices	32
Behavior Management	
Parental control	Yes
Client access control (based on MAC addresses)	Yes
Client access control (based on time)	Yes
Maximum number of controlled clients	32
Maximum number of parental control policies	No
Selecting clients from the client list to block their access to the Internet	Yes

Software Specifications

Model	RG-EW1200G PRO
Specifying MAC addresses of controlled clients	Yes
VPN	
Number of concurrent tunnels supported by the OpenVPN server	8
Certificate authentication	Yes
OpenVPN bandwidth	13 Mbps
OpenVPN client	Yes
OpenVPN server	Yes
Server domain name configuration	Yes
Username and password authentication	Yes
Number of concurrent tunnels supported by the PPTP VPN server	No
PPTP VPN client	Yes
PPTP VPN server	No
Flow Control	
Flow control based on number of users	Yes
Standalone/Shared mode	Yes
Interface flow control	Yes

Software Specifications

Model	RG-EW1200G PRO
Basic Configurations	
LED management	Yes
Internet access mode	PPPoE, DHCP, Static IP, WISP, L2TP
Preconfiguration	Yes
Reset and keep configurations	Yes
Restoring factory defaults	Yes
Configuration backup	Yes
Local upgrade	Yes
Online upgrade	Yes
Scheduled upgrade	No
Disabling the physical Reset button	Yes
Connectivity detection configuration	Yes
AP mode	Yes
IPTV/VLAN	
Multiple IPTV ports	Yes
Rate Limiting	
Client-based rate limiting	Yes
SIM Card Management	
Batch import of APN configurations	No
Number of APN configurations for batch import	No

Software Specifications

Model	RG-EW1200G PRO
System Performance Capacity	
Recommended number of concurrent clients	8 (2.4 GHz) 24 (5 GHz)
IPTV/IGMP client capacity	5
IPTV/IGMP multicast capacity	5
IPTV/IGMP wired forwarding performance	20 Mbps
Recommended camera limit	6 (2.4 GHz) 16 (5 GHz)
Network Management and Monitoring	
Line detection	Yes
Arabic	Yes
Chinese (Hong Kong Traditional)	Yes
Chinese (Simplified)	Yes
English	Yes
Indonesian	Yes
Italian	Yes
Russian	Yes
Spanish (Latin America)	Yes
Thai	Yes
Turkish	Yes

Software Specifications

Model	RG-EW1200G PRO
Vietnamese	Yes
Ruijie Cloud management	Yes
Scheduled device restart	Yes
eWeb login password length	8 to 63 characters
Wired repeater mode	Yes
Wireless repeater mode	Yes
WISP mode	Yes
User agreement signing	Yes
Security	
Encryption mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK, WPA3-SAE, WPA2-PSK/WPA3-SAE
IP Service	
Port mapping	Yes
ARP binding	Yes
Number of ARP binding entries	64
DDNS	Yes
No-IP DNS	Yes
Ruijie DDNS	Yes
NAT-DMZ	Yes
Number of port mapping entries	50
UPnP	Yes

Software Specifications

Model	RG-EW1200G PRO
IPv6	Yes
Multicast	
IGMP proxy	Yes
IGMP snooping	No
WLAN	
1024-QAM	No
OFDMA	No
MLO	No
DFS	Yes
802.11k/v roaming	Yes
Wi-Fi blocklist capacity	30
SSID hiding	Yes
Beamforming	Yes
Ethernet Switching	
WAN port aggregation	No
LAN port aggregation	No
Specifying the VLAN tag	Yes
Wireless Configuration	
Guest Wi-Fi	Yes

Package Contents

Model	RG-EW1200G PRO
Device	
Device	1
Manual	
User Manual	1
Warranty Card	1
Accessories	
Ethernet cable	1
Power adapter	1

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Redefine your easy network

Ruijie Networks Co., Ltd.

Official Website: https://Reyee.Ruijie.com