

Ruijie | 睿 Rcycc

RG-EW300 PRO

300Mbps Wireless Smart Router

DATASHEET



Highlights

- Stronger signal with 4 x 5dBi antenna and signal amplifiers
- Easy management, easy life
- Life-time free cloud management supported

Highlight Features

High Performing Wi-Fi 4 Home Router

Smart choice for your cozy family.
Best solution to fully utilize your Megabit bandwidth.



Stronger Signal than the Average

Equipped with signal amplifiers (FEM),
four 5dBi omnidirectional antennas guarantee you efficient and stable connections.



Highlight Features

WISP & Repeater Mode Supported

Newly-added WISP & Repeater mode can amplify Wi-Fi signals to wider range.
Enjoy whole-room WiFi coverage and lag free network.

WISP Mode

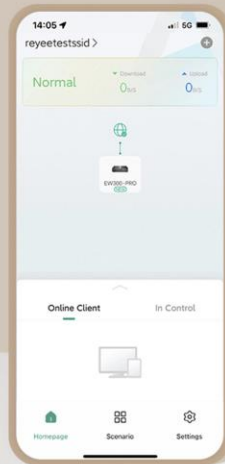


Repeater Mode

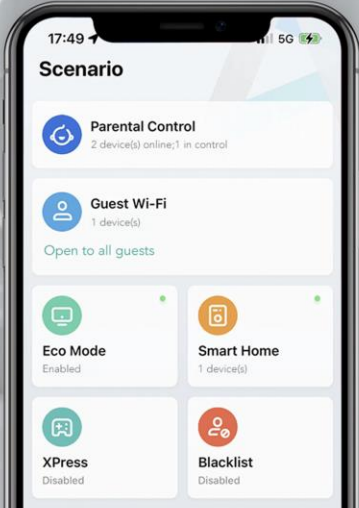


Easy Configuration, Easy Life

Newbie-friendly configuration,
connect to the internet by a few clicks.



Highlight Features



The smartphone screen shows the Reyee Router App interface. At the top, it displays the time 17:49, signal strength, 5G, and battery level. The main heading is "Scenario". Below this, there are several feature cards:

- Parental Control**: 2 device(s) online; 1 in control
- Guest Wi-Fi**: 1 device(s)
Open to all guests
- Eco Mode**: Enabled
- Smart Home**: 1 device(s)
- XPress**: Disabled
- Blacklist**: Disabled

Below the phone, there are three icons representing features: Remote Management, Parental Control, and Guest Wi-Fi. At the bottom of the phone screen area, there is a QR code, the Reyee logo, and buttons for "GET IT ON Google Play" and "Download on the App Store".

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.



Specifications

Basic

Dimensions(W×D×H)	210 mm × 180 mm × 33 mm (8.27 in. × 7.09 in. × 1.3 in. antennas not included)
Weight	0.2615 kg (packages not included)
Wi-Fi Standards	Wi-Fi 4 (802.11n)
MIMO	2.4 GHz, 2×2, MIMO
Max. Speed	2.4 GHz: 300 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz
Antennas	4
Antennas Type	External Omnidirectional
Antenna Gain	2.4 GHz: 5 dBi
WAN Port	1, 10/100 Base-T
LAN Ports	3, 10/100 Base-T
Max. Clients	16
Recommended Clients	8
Power Supply	DC 12V/1A
Power Consumption	<12W
Operation Frequency Band	802.11a/b/g/n: 2.412 GHz to 2.472 GHz country-specific restrictions apply
Transmit Power	<20 dBm (2.4 GHz) country-specific restrictions apply
Receive Sensitivity	2.4 GHz: 802.11b: -94 dBm (1Mbps), -81dBm (11Mbps) 802.11g: -86 dBm (6 Mbps), -70 dBm (54 Mbps) 802.11n (HT20): -87 dBm (MCS0), -69 dBm (MCS7) 802.11n (HT40): -84 dBm (MCS0), -66 dBm (MCS7)
Operating Temperature	-10°C to +45°C (14 to 113 °F)
Operating Humidity	5% to 95% Noncondensing
Certifications	CE,RoHS

Specifications

Wireless

Maximum Number of SSIDs	8
Hide SSID	✓
Guest Wi-Fi	✓
WPA/WPA2	✓
Blacklist	✓
Wi-Fi Optimization	✓
Transmission Power Adjustment	✓

Hardware

Flash	16 MB
Memory	64 MB
Color	Black
Repeater Mode	✓
WISP Mode	✓
System LED Indicator	✓
Power Button	✓
Reset Button	✓
Power Consumption	<12W

WAN

Static IP	✓
DHCP	✓
PPPoE	✓
VLAN Tag	✓

Specifications

LAN

DHCP Server	✓
Client List	✓
Static IP Assignment	✓
Flow Control	✓

Features

DDNS	✓
IPTV	✓
Alarm	✓
Diagnosis	✓
UPnP	✓
ARP Binding	✓
Port Mapping	✓
DMZ Host	✓
Rate Limitation of Terminals	✓
Hardware NAT	✓
MAC Cloning	✓
Cloud Management	✓

Security

Parental Control	Schedule
Protect TCP Flood Attacks	✓

System

Default IP Address	192.168.110.1
URL Access	✓
Local Upgrade	✓
Online Upgrade	✓
APP Upgrade	✓
Syslog	✓
Backup	✓
Factory Reset	✓

Package Contents

Wireless Router	RG-EW300 PRO
Power Adapter	1
Quick Start Guide	1
UTP Cable	Cat5e
Package Weight	0.32 kg
Package Dimension (w×d×h)	329 mm × 230 mm × 55 mm

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 Redefine your easy network



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