

# 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

## High Performing Wi-Fi 4 Home Router

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



4 Megabit Ethernet ports



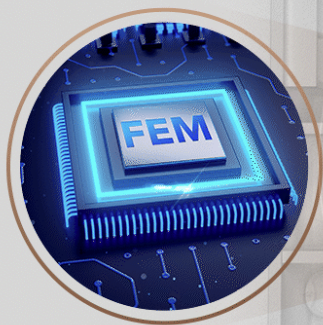
300Mbps



802.11n

## Stronger Signal than the Average

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



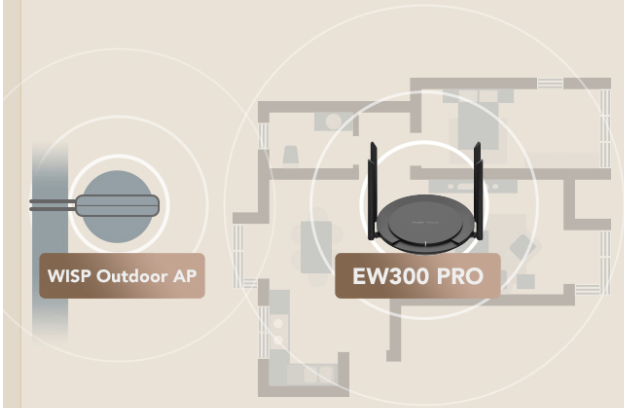


# Highlight Features

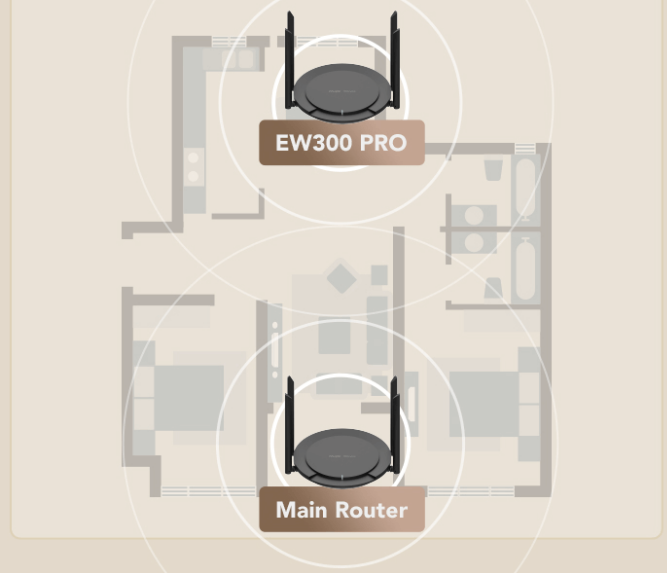
## WISP & Repeater Mode Supported

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

### WISP Mode

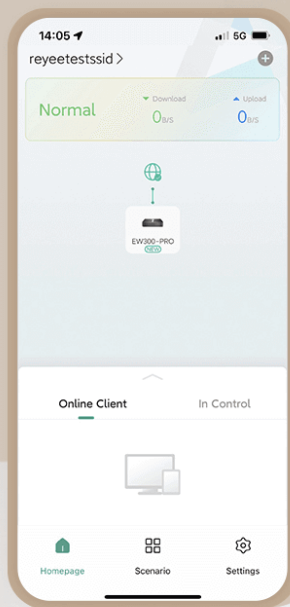


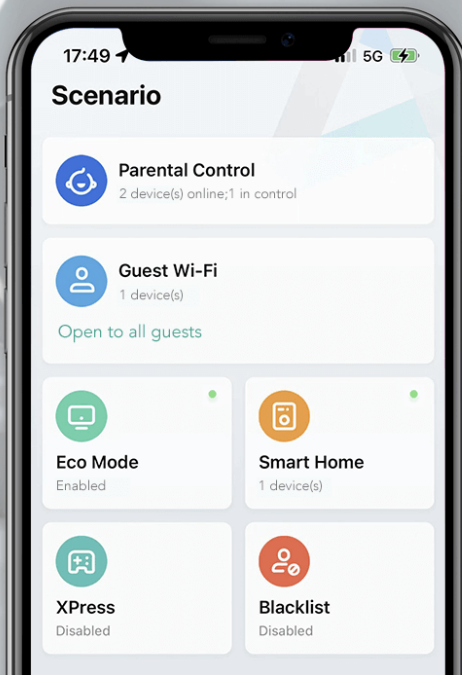
### Repeater Mode



## Easy Configuration, Easy Life

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





The smartphone screen shows the 'Scenario' page of the Reyee Router App. It features several control 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), and 'Blacklist' (Disabled).

## 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
- Guest Wi-Fi

Download the Reyee Router App from Google Play or the App Store.



# Specifications

## Basic

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

# 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

*Ruijie* | 睿 Rcycc

 Redefine your easy network



Ruijie Networks Co., Ltd  
Floor 11, East Wing, Zhongyipengao Plaza,  
No.29 Fuxing Road, Haidian District, Beijing China  
Website: <https://www.ruijienetworks.com>