

# RG-EW300R

## 300Mbps Wi-Fi Extender

DATASHEET



### Highlights

- Plug and play, easy and strong
- Two built-in signal amplifiers boost 1.5X signal strength
- Three-bar signal indicator guides you to find the best spot
- Flexible placement, one-click connection
- Take control of your home network at your fingertips

# Highlight Features



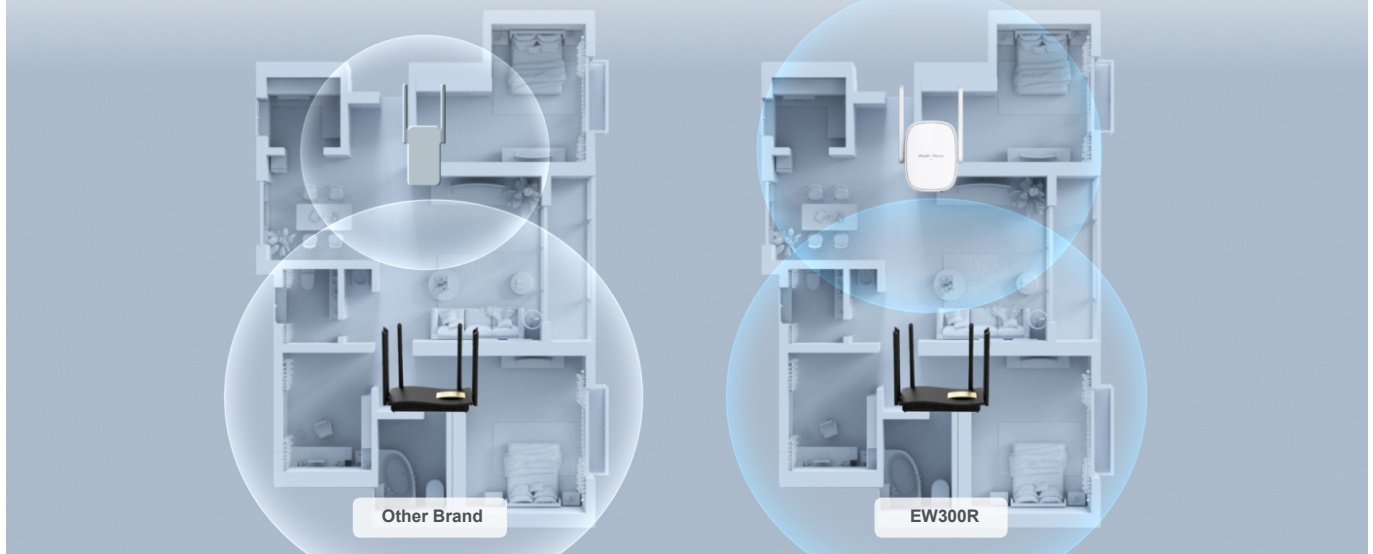
RG-EW300R

## Plug and Play Easy and Strong

300Mbps Wi-Fi Repeater

## More Powerful than You Expect

Two built-in signal amplifiers boost 2X signal strength



Other Brand

EW300R



strong signal ————  
modest signal ————  
weak signal ————

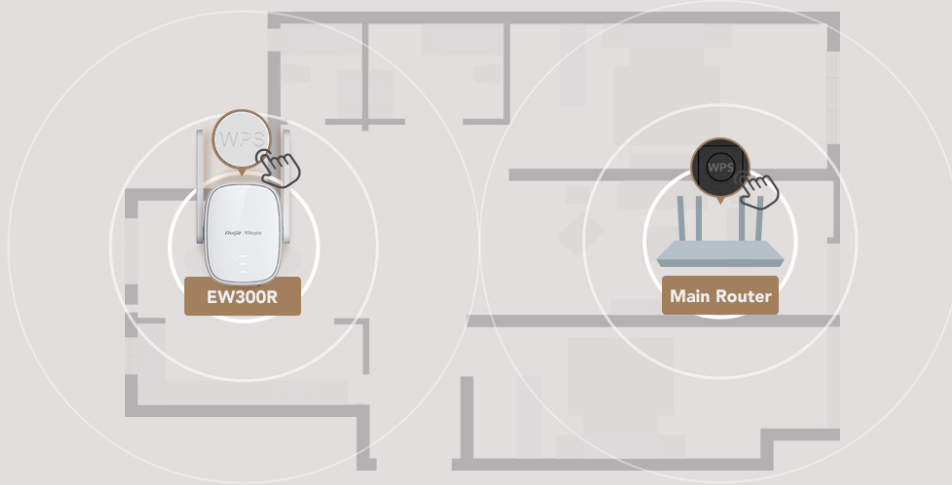
## Three-bar Signal Indicator Guides You to Find the Best Spot

EW300R clearly shows you the signal strength and guides you the best spot to position the repeater, while others only give you the "Yes or No" answer.

# Highlight Features

## Flexible Placement, One-click Connection

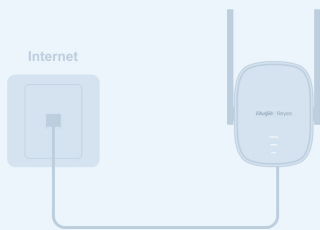
Press the WPS button on existing router and on EW300R within 2 minutes to easily connect to the network



## More Wireless Mode Options, Meet All Your Needs

**AP Mode for Work**  
More stable and reliable

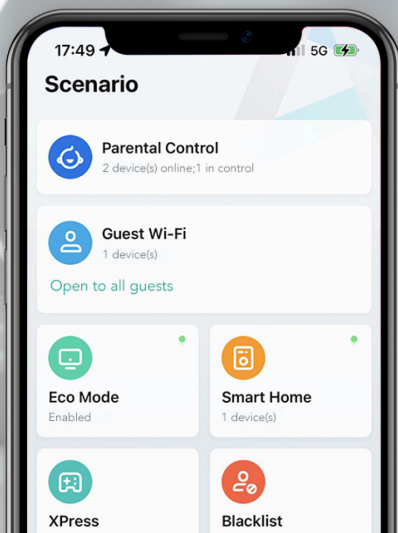
Repeater mode for entertainment  
More flexible and chill



## Take Control of Your Home network at Your 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



## Specifications

### Basic

Dimensions ( W×D×H )	92 mm x 70 mm x 38 mm (3.62 in. × 2.76 in. × 1.50 in. antennas not included)
Weight	0.14 kg (packages not included)
Wi-Fi Standards	Wi-Fi 4 (802.11n)
MIMO	2.4 GHz, 2×2, MIMO
Max. Wi-Fi Speed	2.4 GHz: 300 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz
Antennas	2
Antennas Type	External Omnidirectional
Antenna Gain	2.4 GHz: 4 dBi
WAN Port	1×10/100 Base-T WAN/LAN
LAN Ports	\
Recommended Users	8
Max. Users	16
Power Supply	100-240V~50/60Hz 0.5A
Power Consumption	≤12W
Operation Frequency Bands	802.11b/g/n: 2.412 GHz to 2.472 GHz country-specific restrictions apply
Transmit Power	<20 dBm (2.4 GHz) country-specific restrictions apply
Operating Temperature	-10 °C to +45 °C (14 °F to 113 °F)
Operating Humidity	5% to 95% Noncondensing
Certifications	CE,RoHS

## Specifications

Wireless	
OFDMA	-
MU-MIMO	-
BSS Coloring	-
Maximum Number of SSIDs	3
SSID Hiding	✓
Band Steering	-
Guest Wi-Fi	✓
WPA/WPA2	✓
WPA3	-
Roaming	-
Blacklist	✓
Reyee Mesh	-
Mesh Pairing by Hardware	-
Mesh Pairing by Mesh Button	-
Mesh Pairing by Eweb	-
Recommended Hop Count	-
Wi-Fi Optimization	✓
QoS (WMM)	-
WPS	✓
Transmission Power Adjustment	✓
Hardware	
CPU	MT7628DAN
Flash	16 MB

## Specifications

### Hardware

RAM/SDRAM	64 MB
Color	White
System LED Indicator	✓
Reyee Mesh LED Indicator	-
Reyee Mesh Button	-
Power Button	-
Reset Button	✓
DC Connector Dimensions	-

### WAN

Static IP	✓
DHCP	✓
PPPoE	✓
Learning PPPoE Account & Password	-
VLAN Tagging	✓

### LAN

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

### Features

IPv6	-
DDNS	-
IPTV	-
Alarm	-

## Specifications

Features	
Diagnosis	-
UPnP	-
ARP Binding	-
Port Mapping	-
DMZ Host	-
Rate Limitation of Terminals	-
Hardware Acceleration	-
MAC Address Cloning	✓
Cloud Management	✓
Repeater Mode	✓
WISP Mode	✓
Security	
PPTP VPN Server	-
PPTP VPN Client	-
L2TP VPN Client	-
Parental Control	-
Protect TCP Flood Attacks	✓
Protect ICMP Attacks	-
Protect UDP Flood Attacks	-
System	
Default Access/Password	10.44.77.254 No Password Required by Default
URL Access	-
Local Upgrade	✓

## Specifications

### System

Online Upgrade	✓
APP Upgrade	✓
Syslog	-
Backup	-
Factory Reset	✓
Language	Chinese English Vietnamese Indonesian Thai Arabic Traditional Chinese Spanish Russian

## Package Contents

Device	RG-EW300R
Wireless Extender	1
User Manual	1
Warranty card	1



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 **Redefine your easy network**

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