

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

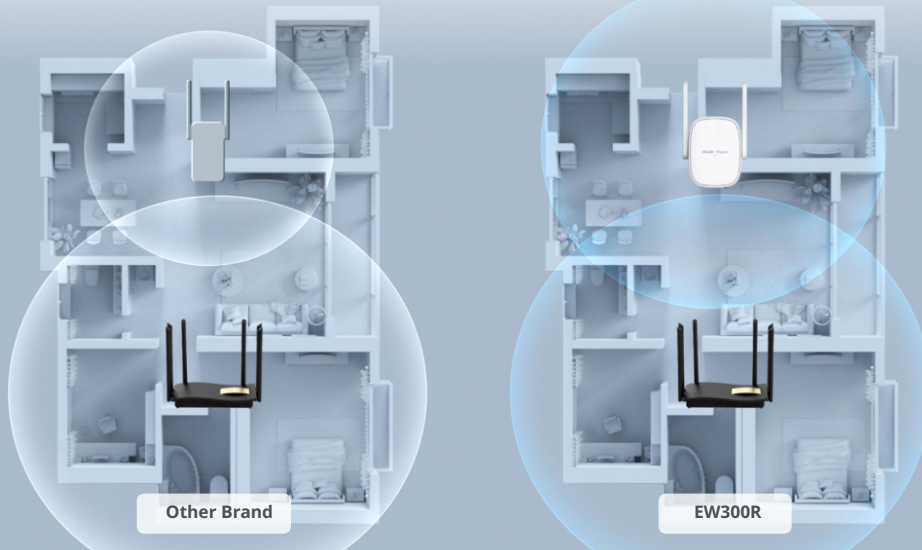
Plug and Play Easy and Strong

300Mbps Wi-Fi Repeater



More Powerful than You Expect

Two built-in signal amplifiers boost 2X signal strength



Other Brand

EW300R

Ruijie | Reyee



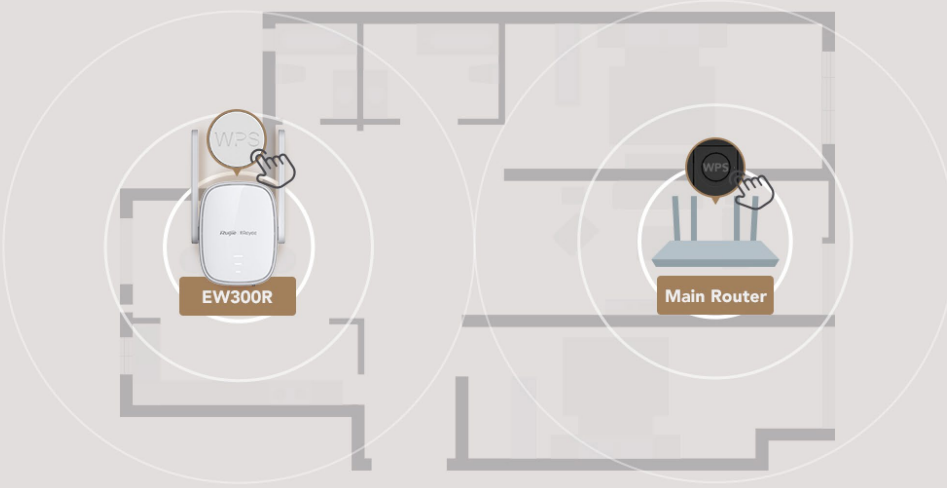
Three-bar Signal Indicator Guides You to Find the Best Spot

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

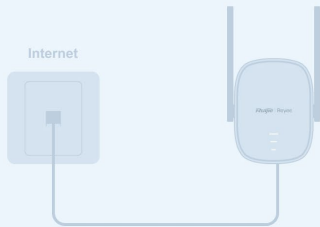
Flexible Placement, One-click Connection

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

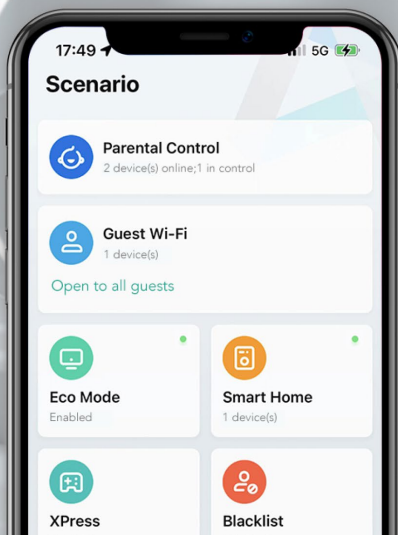
AP Mode for Work Repeater mode for entertainment
More stable and reliable More flexible and chill



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,

- 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
Port	1×10/100 Base-T WAN/LAN
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
OFDMA	-
MU-MIMO	-

Specifications

Wireless

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
RAM/SDRAM	64 MB
Color	White

Specifications

Hardware

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

TR069	✓
IPv6	✓
DDNS	-
IPTV	-
Alarm	-
Diagnosis	-

Specifications

Features

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	✓
Online Upgrade	✓

Specifications

System	
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

Ruijie | **RCYCC**

 **R**edefine your **e**asy network

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