Ruijie | Reyee

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
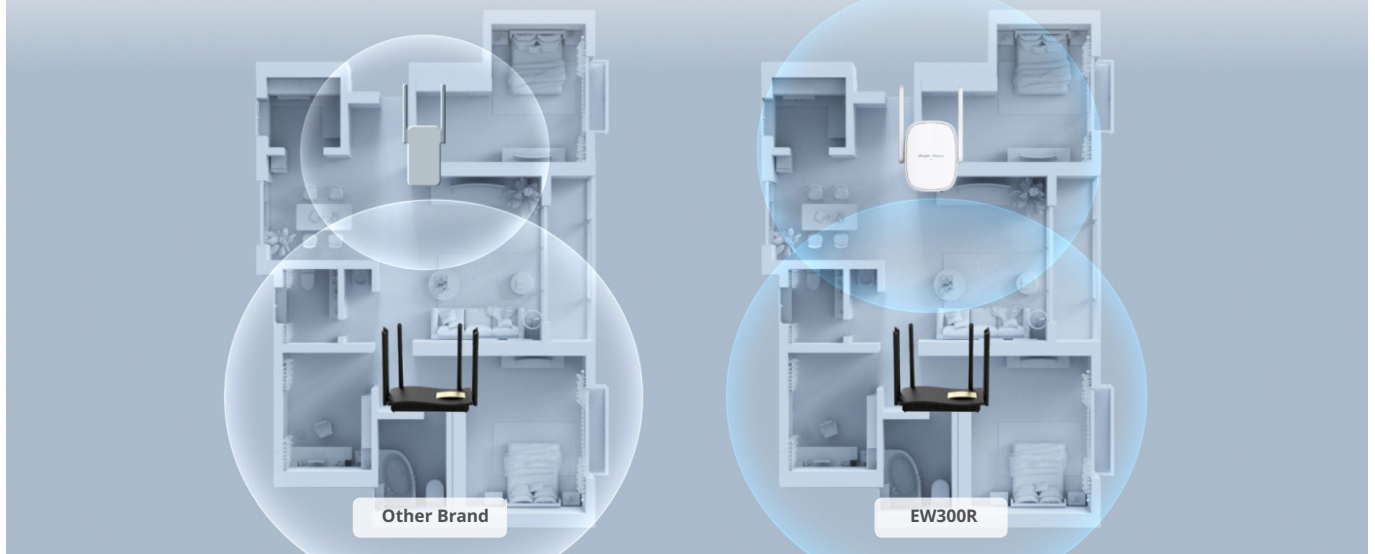- Take control of your home network at your fingertips

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

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.

strong signal

modest signal

weak signal

Highlight Features
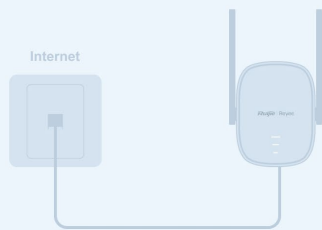
Flexible Placement, One-click Connection
Press the WPS button on existing router and on EW300R within 2 minutes to easily connect to the network

WPS

EW300R

WPS

Main Router
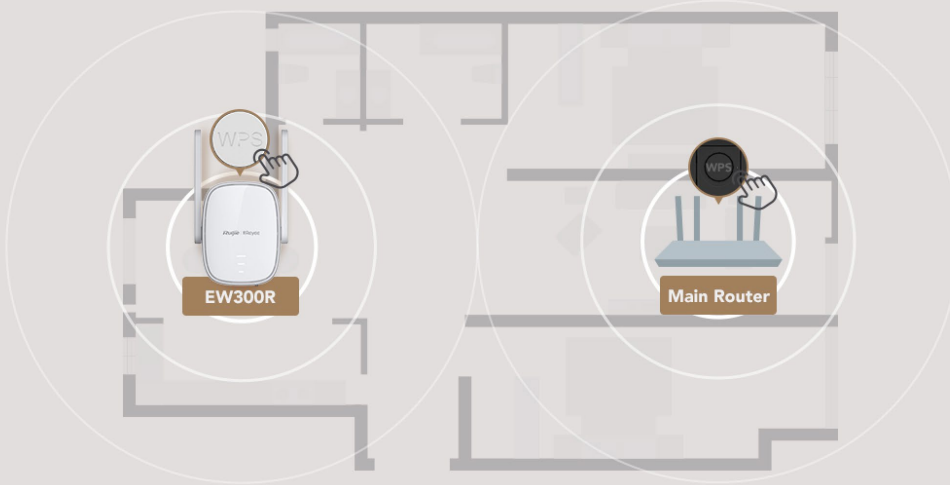
More Wireless Mode Options, Meet All Your Needs

AP Mode for Work
More stable and reliable

Repeater mode for entertainment
More flexible and chill

Internet

Take Control of Your Home network at Your Fingertips

17:49   5G

Scenario

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

Blacklist

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

Reyee

GET IT ON
Google Play

Download on the
App Store
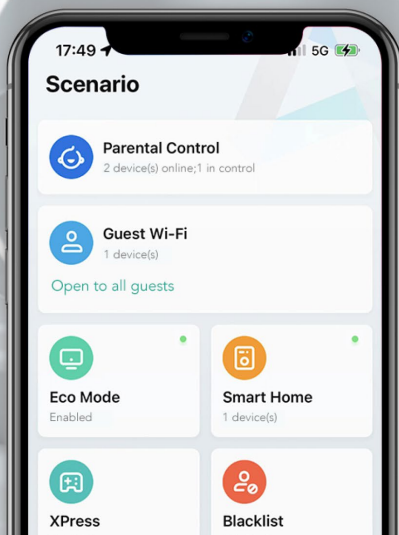
/ Specifications

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 | Reyee

Redefine your easy network

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