

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



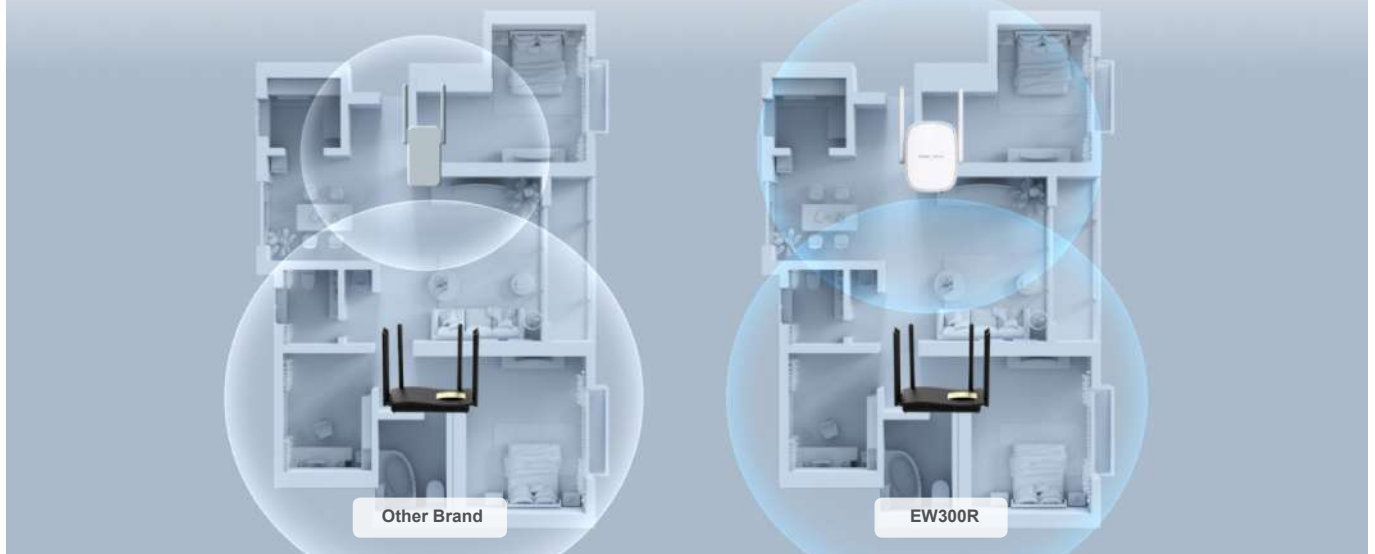
RG-EW300R

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



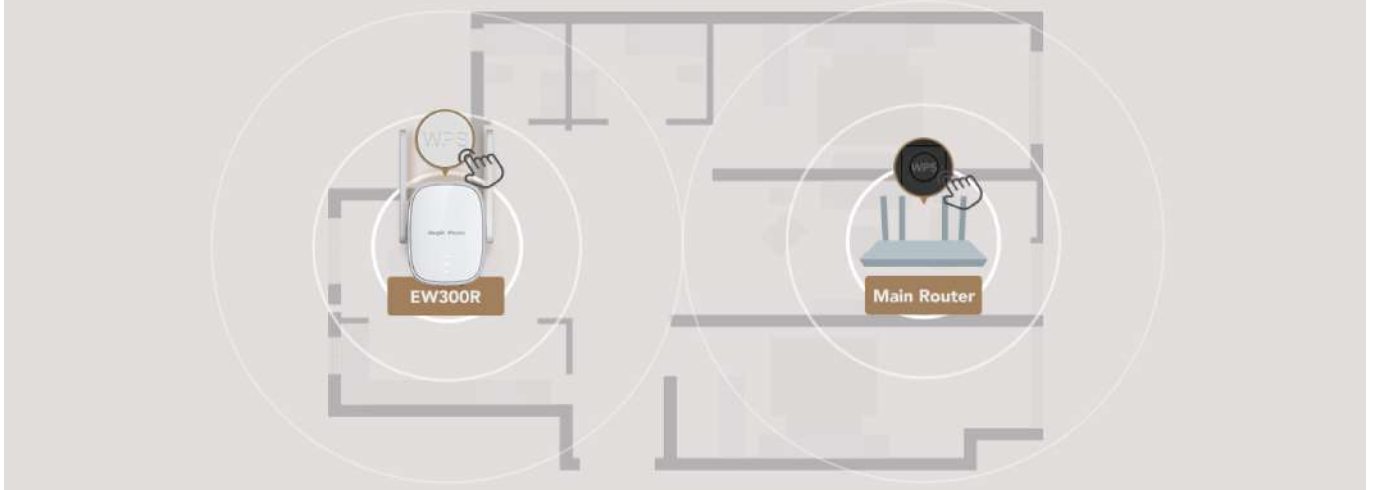
Three-bar Signal Indicator Guides You to Find the Best Spot

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.

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.



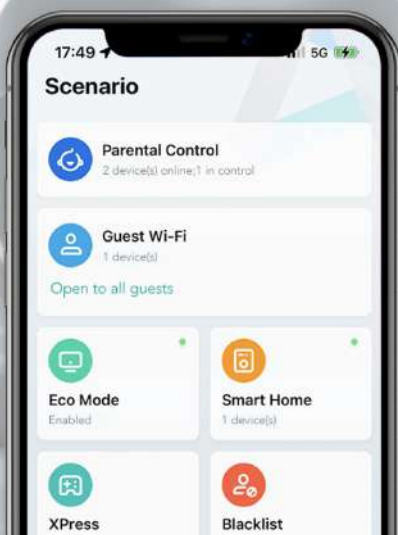
Remote Management



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

Ruijie | Rcycc

 **Redefine your easy network**

Copyright ©2000-2022 Ruijie Networks Co., Ltd. All rights reserved.

No part of this document may be reproduced or transmitted in any form or any means without prior written consent of Ruijie Networks Co., Ltd.

Notice

This content is applicable only to regions outside the China mainland. Ruijie Networks Co., Ltd. reserves the right to interpret this content.

The information contained herein is subject to change without notice. Nothing herein should be construed as constituting an additional warranty. Ruijie Networks Co., Ltd. shall not be liable for technical or editorial errors or omissions contained herein.



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