Ruijie | Reyee

RG-EW300N

300 Mbps Wireless Smart Router

DATASHEET

Highlights

- Stable as always
- Four Mode supported: Router Mode, Repeater Mode, AP Mode, WISP Mode
- Easy setup
- Life-time free cloud management supported
- Easy management, easy life
- Three-year warranty

Highlight Features

Basic and Reliable

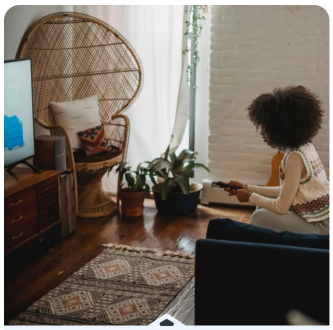
300 Mbps Wireless Smart Router RG-EW300N

Stable as Always

In a router, Flash and RAM are vital for storing and processing data, ensuring smooth and efficient network performance.

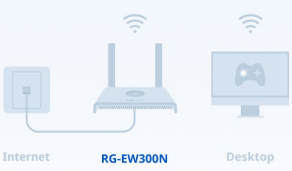
Memory

RG-EW300N	Traditional 300 Mbps Router
16 MB Flash	4 MB Flash
64 MB RAM	32 MB RAM



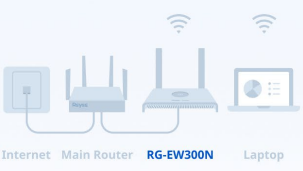
Router Mode

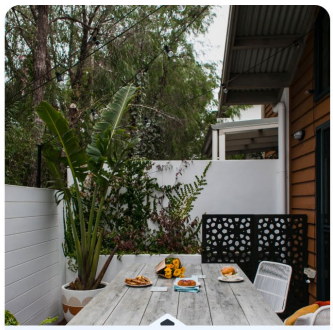
Create a private wireless network and connect devices to the Internet.



AP Mode

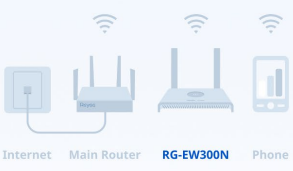
Add wireless capabilities to a wired network, extending the Wi-Fi coverage.

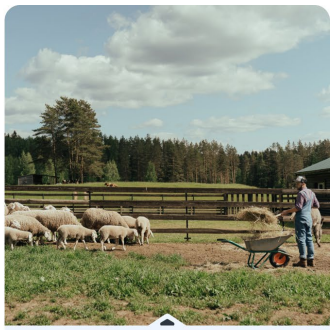




Repeater Mode

Extend the wireless signal to expand Wi-Fi coverage, eliminating dead zones.





WISP Mode

Connect to the ISP's wireless network and share the network connection with other devices.

Highlight Features

Good Helper for Your Family Management

Parental Control | Health Mode

Reyee Router App allows you to manage the internet access authority of the specified terminal, including the time limit, speed limit and black/white list setup.

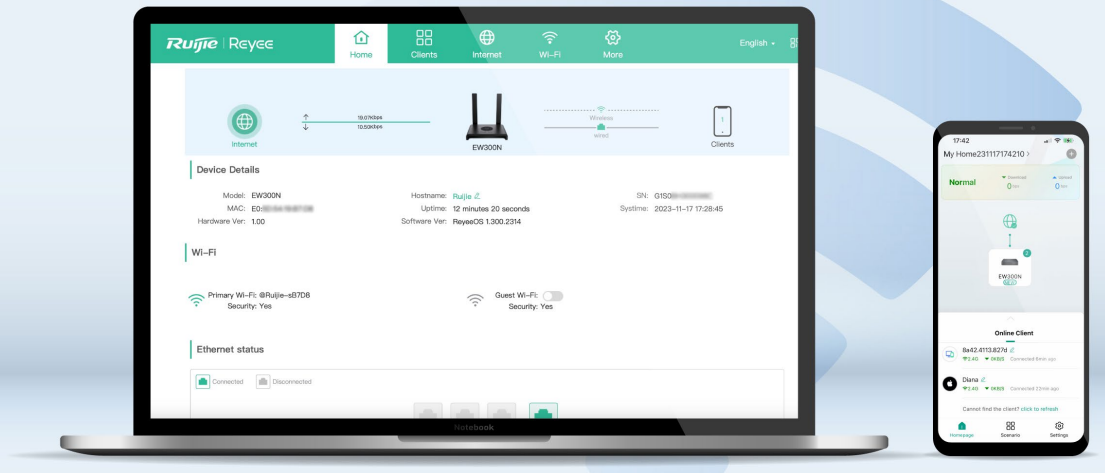
Good Helper for Your Family Management

Parental Control | **Health Mode**

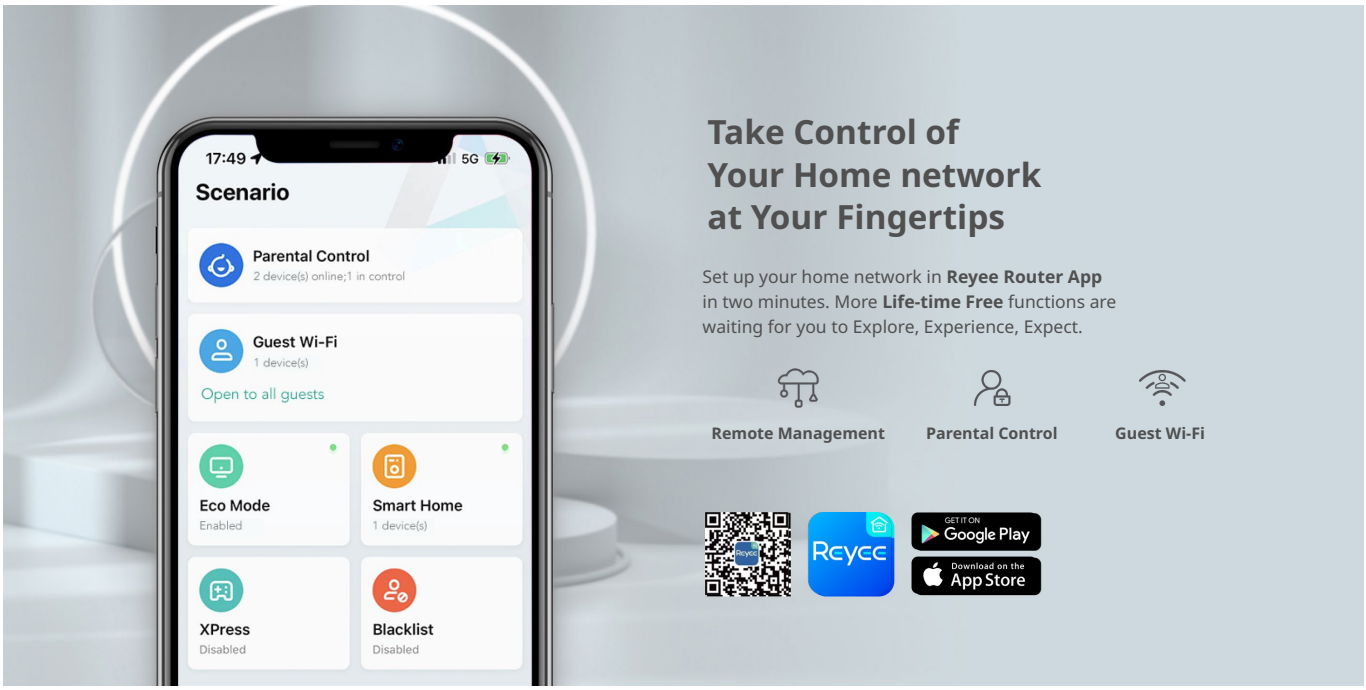
The health mode limits the radiation exposure and blacks out the indicator lights for you to have a good sleep.

Easy Setup

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



Highlight Features



Specifications

Basic	
Dimensions (W×D×H)	180 mm × 120 mm × 27 mm (7.09 in. ×4.72 in. × 1.06 in. antennas not included)
Weight	0.18 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
Antennas Gain	2.4 GHz: 5 dBi
WAN Port	1×10/100Base-T
WAN Port	3×10/100Base-T
Recommended Users	8
Max. Users	16
Power Supply	DC 5V/1.0A
Power Consumption	< 5 W
Operation Frequency Bands	802.11b/g/n: 2.400 GHz to 2.483 GHz country-specific restrictions apply
Transmit Power	General: CE EIRP: ≤20dBm (2.4GHz) Myanmar: 2400~2483.5MHz ≤ 20dBm(EIRP);
Receive Sensitivity	2.4 GHz:20MHz 802.11b: -98 dBm(1 Mbps) 802.11g: -94.5 dBm(6 Mbps), -77 dBm(54 Mbps)

	802.11n: -94.5dBm(MCS0), -76 dBm(MCS7)
Operating Temperature	-10 °C to 40 °C (14 °F to 104 °F)
Operating Humidity	5% to 95% Noncondensing
Certifications	CE
Wireless	
OFDMA	-
MU-MIMO	-
BSS Coloring	-
Maximum Number of SSIDs	3
SSID Hiding	Support
Band Steering	-
Guest Wi-Fi	Support
WPA/WPA2	Support
WPA3	Support
Roaming	Layer 2 Roaming
Blocklist	Support
Reyee Mesh	-
Mesh Pairing by Hardware	-
Mesh Pairing by Mesh Button	-
Mesh Pairing by Eweb	-
Recommended Hop Count	-
Wi-Fi Optimization	-
QoS (WMM)	Support
WPS	-
Transmission Power Adjustment	Support
Hardware	

CPU	MT7628DAN
Flash	16 MB
RAM/SDRAM	64 MB
Color	Black
System LED Indicator	Support
Reyee Mesh LED Indicator	NA
Reyee Mesh Button	NA
Power Button	-
Reset Button	Support
DC Connector Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 9.5 mm (Outer Diameter: 0.22 in. Inner Diameter: 0.08 in. Length: 0.37 in.)
WAN	
Static IP	Support
DHCP	Support
PPPoE	Support
Learning PPPoE Account & Password	Support
VLAN Tagging	Support
LAN	
DHCP Server	Support
Client List	Support
Static IP Assignment	Support
Port-Based Flow Control	Support
Features	
IPv6	Support

Preset	Support
DDNS	Support
IPTV	Support
Alarm	Support
Diagnosis	Support
UPnP	Support
ARP Binding	Support
Port Mapping	Support
DMZ Host	Support
Rate Limitation of Terminals	Support
Hardware Acceleration	Support
MAC Address Cloning	Support
Cloud Management	Support
Repeater Mode	Support
WISP Mode	Support
AP Mode	Support
Security	
PPTP VPN Server	-
PPTP VPN Client	-
L2TP VPN Client	-
Parental Control	Time Schedule
Protect TCP Flood Attacks	Support
Protect ICMP Attacks	-
Protect UDP Flood Attacks	-
System	
Default Access/Password	192.168.110.1

	No Password Required by Default
URL Access	Support
Local Upgrade	Support
Online Upgrade	Support
APP Upgrade	Support
Syslog	Support
Backup	Support
Factory Reset	Support
Language	Chinese English Vietanmese Turkish Indonesian Thai traditioanl Chinese Spanish Russian Arabic Ukrainian Czech Italian

Package Contents

Package Information	RG-EW300N
Wireless Router	1
Power Adapter	1
Quick Start Guide	1
Warranty Card	1
Cat5E UTP Cable	1

Ruijie | Reyee

Redefine your easy network

Copyright ©2000-2024 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.

Website: https://reyee.ruijie.com/en-global