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

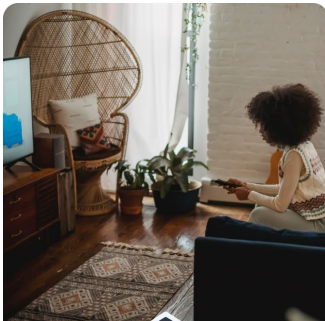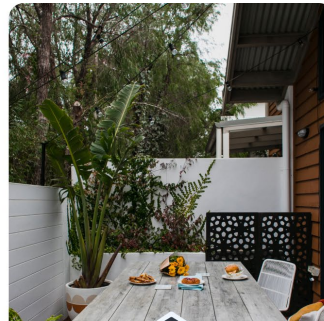|			
16 MB Flash		**4** MB Flash	
64 MB RAM		**32** MB RAM	
RG-EW300N		Traditional 300 Mbps Router	

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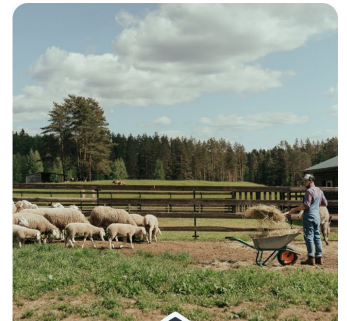Create a private wireless network and connect devices to the Internet.

Internet   **RG-EW300N**   Desktop

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

Internet   Main Router   **RG-EW300N**   Laptop
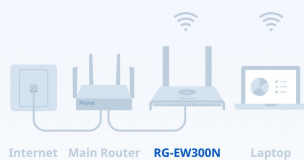
Repeater Mode
Extend the wireless signal to expand Wi-Fi coverage, eliminating dead zones.

Internet   Main Router   **RG-EW300N**   Phone
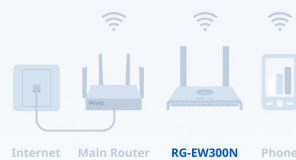
WISP Mode
Connect to the ISP's wireless network and share the network connection with other devices.

WISP   **RG-EW300N**   Laptop

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.
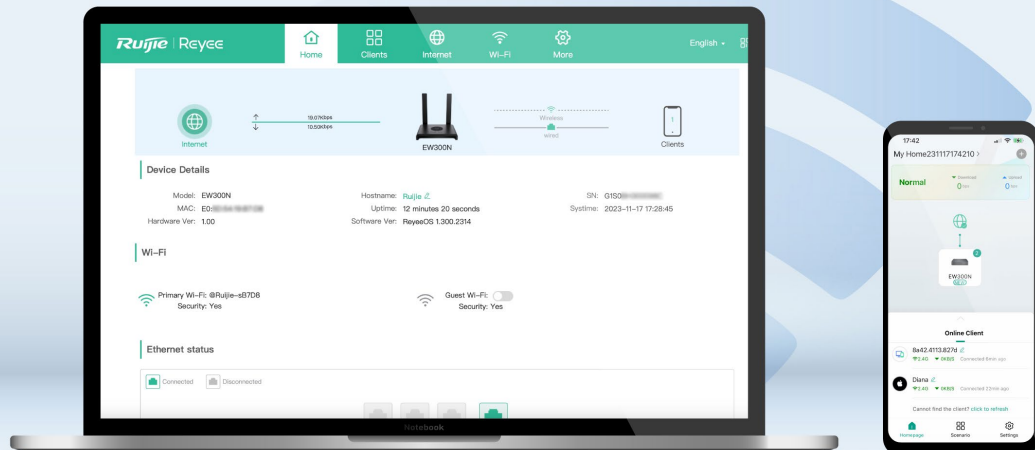
Good Helper for Your Family Management

Parental Control   **Health Mode**

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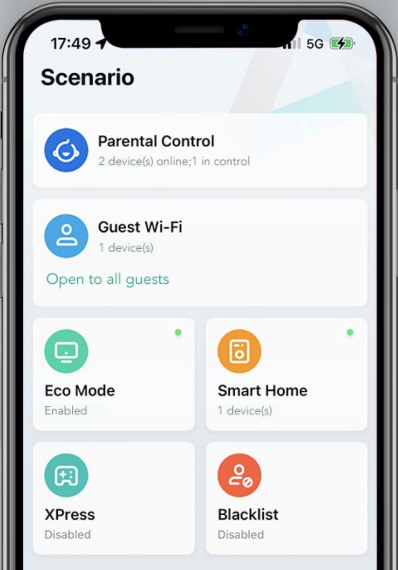
Easy Setup

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

/ Highlight Features

**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)	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	2.4GHz, 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
LAN Ports	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 113 °F)

* indicates the mean value obtained from Ruijie's laboratory tests.

/ Specifications

Basic	
Operating Humidity	5% to 95% Noncondensing
Certifications	CE

Wireless	
OFDMA	-
MU-MIMO	✓
BSS Coloring	-
Maximum Number of SSIDs	3
SSID Hiding	✓
Band Steering	-
Guest Wi-Fi	✓
WPA/WPA2	✓
WPA3	✓
Roaming	Layer 2 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	✓

/ Specifications

Hardware	
CPU	MT7628DAN
Flash	16 MB
RAM/SDRAM	64 MB
Color	Black
System LED Indicator	✓
Reyee Mesh LED Indicator	NA
Reyee Mesh Button	NA
Power Button	-
Reset Button	✓
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	✓
DHCP	✓
PPPoE	✓
Learning PPPoE Account & Password	✓
VLAN Tagging	✓

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

/ Specifications

Features	
TR069	✓
IPv6	✓
DDNS	✓
IPTV	✓
Alarm	✓
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	Time Schedule
Protect TCP Flood Attacks	✓
Protect ICMP Attacks	-
Protect UDP Flood Attacks	-

Specifications

System	
Default Access/Password	192.168.110.1 No Password Required by Default
URL Access	✓
Local Upgrade	✓
Online Upgrade	✓
APP Upgrade	✓
Syslog	✓
Backup	✓
Factory Reset	✓
Language	Chinese English Vietanmese Turkish Indonesian Thai traditioanl Chinese Spanish Russian Arabic Ukrainian Czech Italian

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RUIJIE | Reyee

Redefine your easy network

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