

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

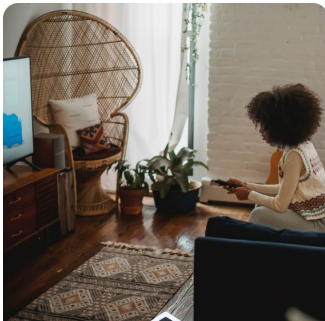
4 MB Flash

64 MB RAM

32 MB RAM

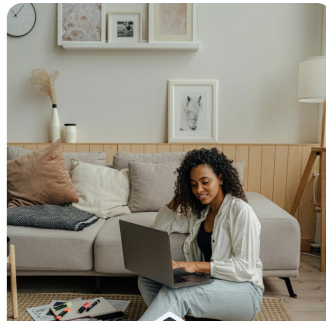
RG-EW300N

Traditional 300 Mbps Router



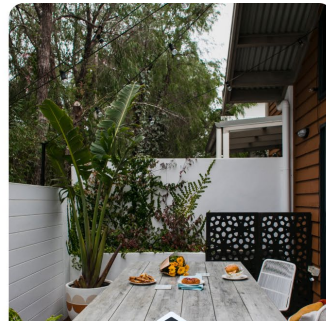
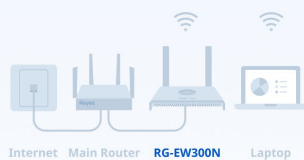
Router Mode

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



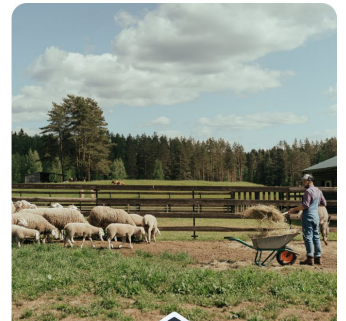
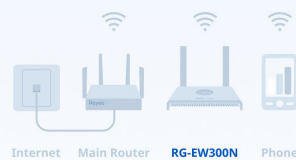
AP Mode

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

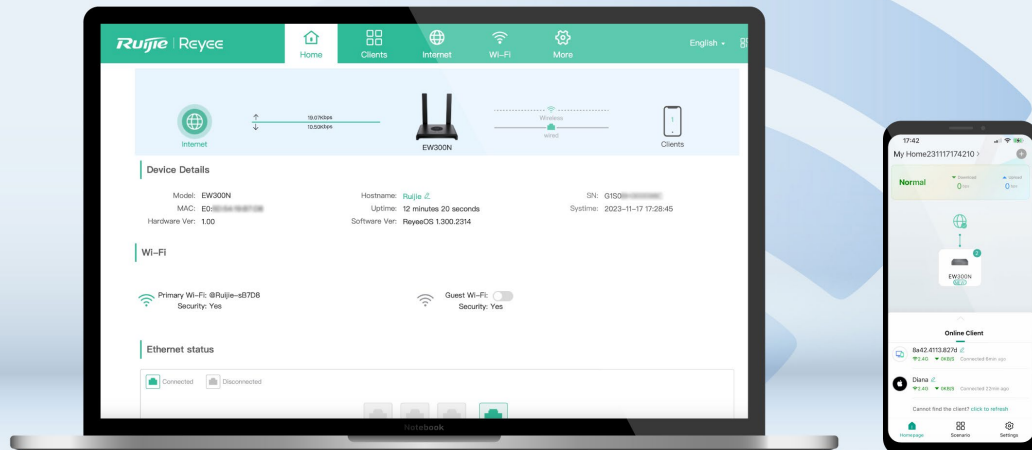
Parental Control **Health Mode**

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

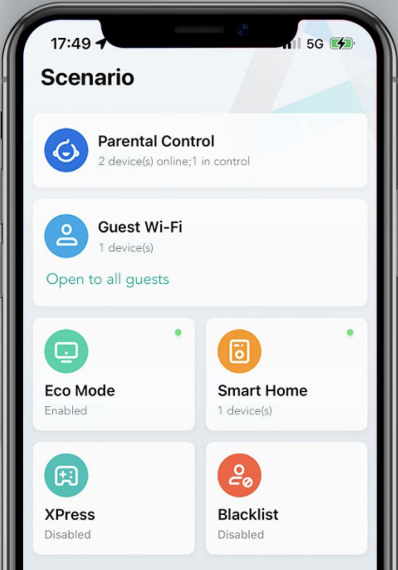


Easy Setup

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



Highlight Features




The smartphone screen shows the Reyee Router App interface with the following features:

- 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:** Disabled
- Blacklist:** Disabled

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**



GET IT ON
Google Play

Download on the
App Store



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 Vietnamese 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**

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

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