

RG-EW300N

300 Mbps Wireless Smart Router

DATASHEET



Highlights

- Stable as always
- Four Modes 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

A diagram comparing the signal coverage of the RG-EW300N router (blue) with a traditional 300 Mbps router (orange). The blue area is significantly larger, indicating better coverage. The routers are shown on a desk with a laptop.

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



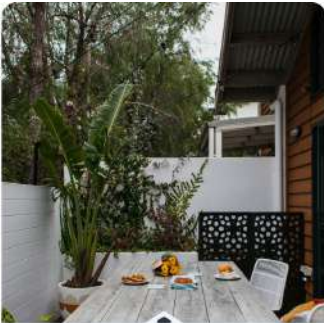
Router Mode

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.

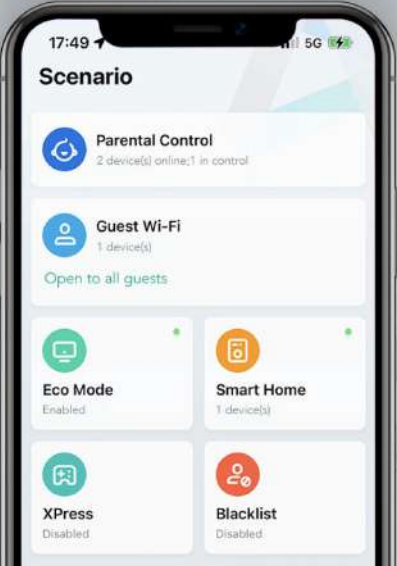


Easy Setup

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



/ Highlight Features



The smartphone screen shows the Reyee Router App interface. At the top, it says 'Scenario'. Below this, there are several feature cards: '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), and '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	2.4 GHz, 2×2, MU-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	
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

Package Contents

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



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

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