

Ruijie | 睿眼 Reyee

# RG-EW1200R

## 1200Mbps Dual-band Mesh Wi-Fi Extender

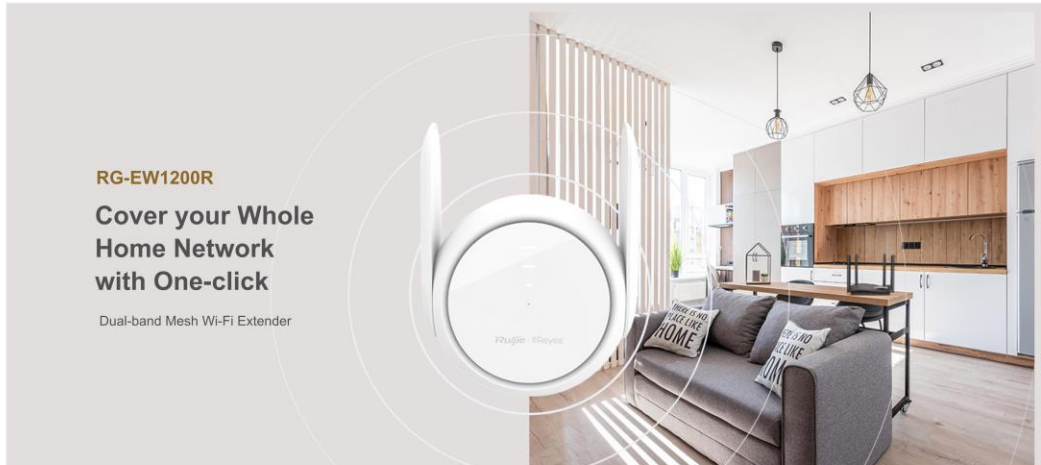
DATASHEET



### Highlights

- Cover your whole home network with one-click
- Unbreakable Wi-Fi signal throughout your Home
- Three-bar signal indicator guides you to find the best spot
- Reyee Mesh brings you unlimited signal connection everywhere you go
- More wireless mode options, more surprise
- Take control of your home network at your fingertips

## Highlight Features

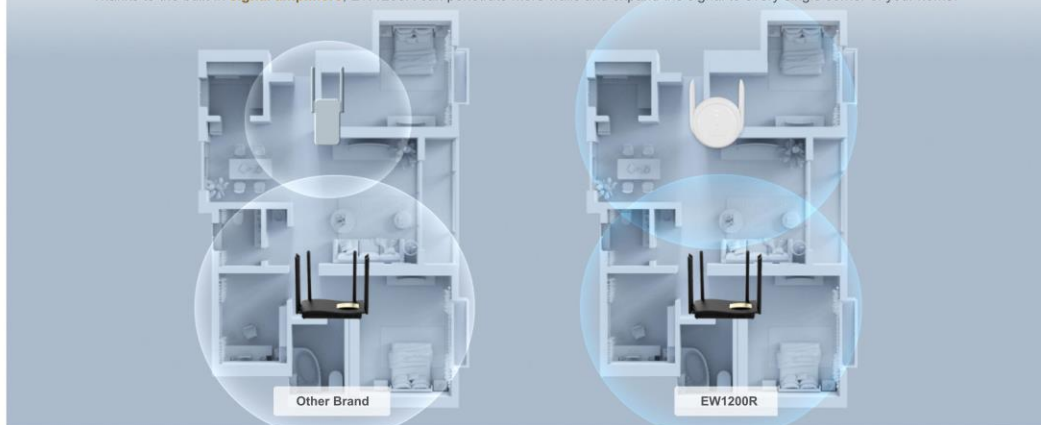


**RG-EW1200R**  
**Cover your Whole Home Network with One-click**

Dual-band Mesh Wi-Fi Extender

### Unbreakable Wi-Fi Signal throughout Your Home

Thanks to the built-in **signal amplifiers**, EW1200R can penetrate more walls and expand the signal to every single corner of your home.



### Three-bar Signal Indicator Guides you to Find the Best Spot

EW1200R 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

### Reyee Mesh Brings you Unlimited Signal Connection Everywhere you Go

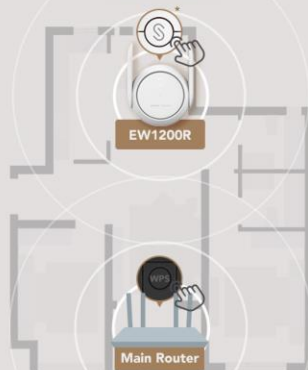
When the primary router is Reyee Mesh Wi-Fi series, mesh them up and enjoy the seamless network!



### More Wireless Mode Options, More Surprise

WPS Mode WISP Mode Repeater Mode AP Mode

#### WPS Mode



#### Repeater Mode



\* WPS / Mesh / Reset button all in one

## Highlight Features



### Take Control of Your Home Network at 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 Reboot
- Parental Control
- Guest Wi-Fi

Scenario	Status
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

## Specifications

### Basic

Dimensions ( W×D×H )	128 mm x 102 mm x 60 mm (5.04 in. × 4.02 in. × 2.36 in. antennas not included)
Weight	0.25 kg (packages not included)
Wi-Fi Standards	Wi-Fi 5 (802.11ac)
MIMO	2.4 GHz, 2×2, MU-MIMO 5 GHz, 2×2, MU-MIMO
Max. Wi-Fi Speed	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz 5 GHz: Auto/20/40/80 MHz
Antennas	2
Antennas Type	External Omnidirectional
Antenna Gain	2.4 GHz: 4 dBi 5 GHz: 4 dBi
Port	1×10/100 Base-T WAN/LAN
Recommended Users	24
Max. Users	96
Power Supply	100-240V~50/60Hz 0.5A
Power Consumption	≤15W
Operation Frequency Bands	802.11b/g/n: 2.400 GHz to 2.483 GHz 802.11a/n/ac: 5.150 GHz to 5.350 GHz 802.11a/n/ac: 5.470 GHz to 5.725 GHz , 5.725 GHz to 5.850 GHz country-specific restrictions apply
Transmit Power	Regular: CE EIRP: ≤20dBm (2.4GHz) ≤27dBm (5GHz) ≤20dBm 2400~2483.5MHz(Bluetooth) Myanmar: 2400~2483.5MHz ≤ 20dBm(EIRP) ; 5150~5350MHz ≤ 23dBm(EIRP) ; 5470~5725MHz ≤ 30dBm(EIRP) ; 5725~5850MHz ≤ 30dBm(EIRP) ;

## Specifications

### Basic

Operating Temperature -10 °C to +45 °C (14 °F to 113 °F)

Operating Humidity 5% to 95% Noncondensing

Certifications CE,RoHS

### Wireless

OFDMA -

MU-MIMO ✓

BSS Coloring -

Maximum Number of SSIDs 6

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 ≤2

Wi-Fi Optimization ✓

QoS (WMM) ✓

WPS ✓

Transmission Power Adjustment ✓

## Specifications

### Hardware

CPU	MT7628DAN
Flash	16 MB
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	-
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## Specifications

Features	
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	-
Protect TCP Flood Attacks	✓
Protect ICMP Attacks	-
Protect UDP Flood Attacks	-



## Specifications

System	
Default Access/Password	10.44.77.254 No Password Required by Default
URL Access	-
Local Upgrade	✓
Online Upgrade	✓
APP Upgrade	✓
Syslog	-
Backup	-
Factory Reset	✓
Language	Chinese English Vietnamese Indonesian Thai Arabic Traditional Chinese Spanish Russian

## Package Contents

Model	RG-EW1200R
Wireless Extender	1
User Manual	1
Warranty card	1

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 Redefine your easy network



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