

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

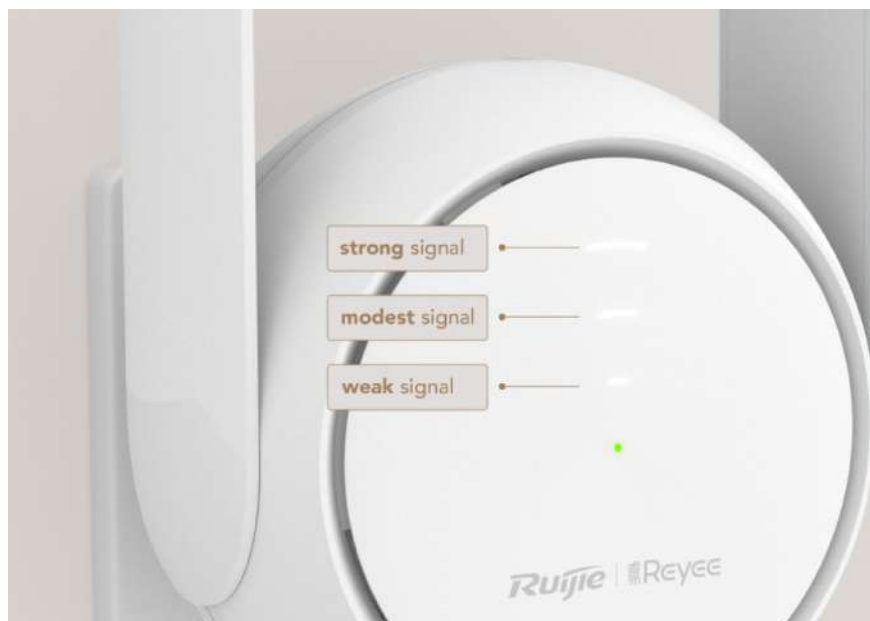
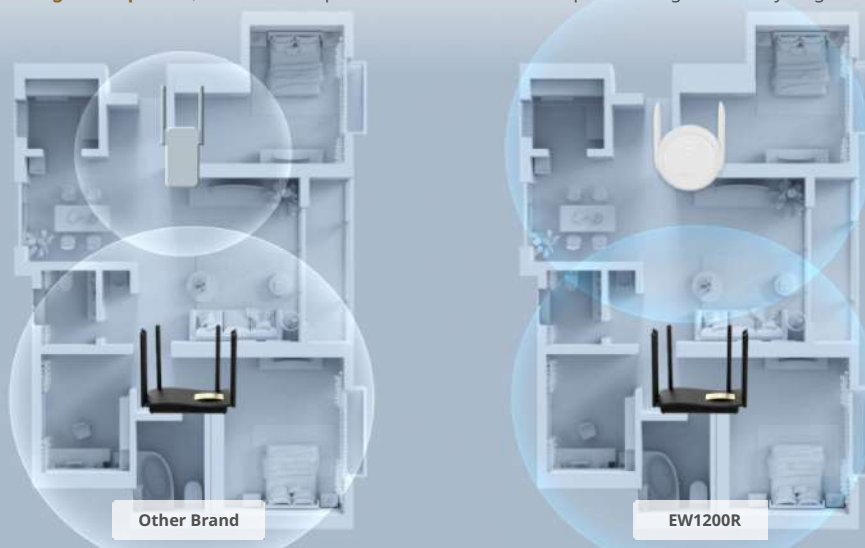
Cover your Whole Home Network with One-click

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

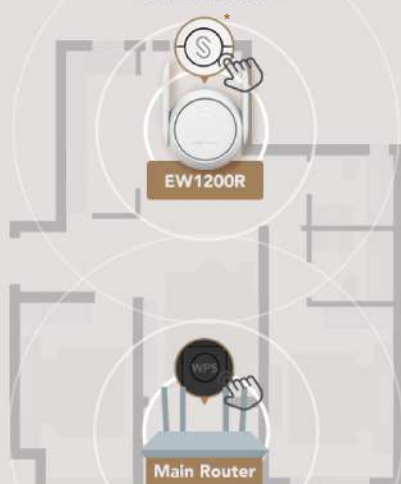
When the primary router is Reyee Mesh Wi-Fi series, mesh them up and enjoy the seamless network!



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

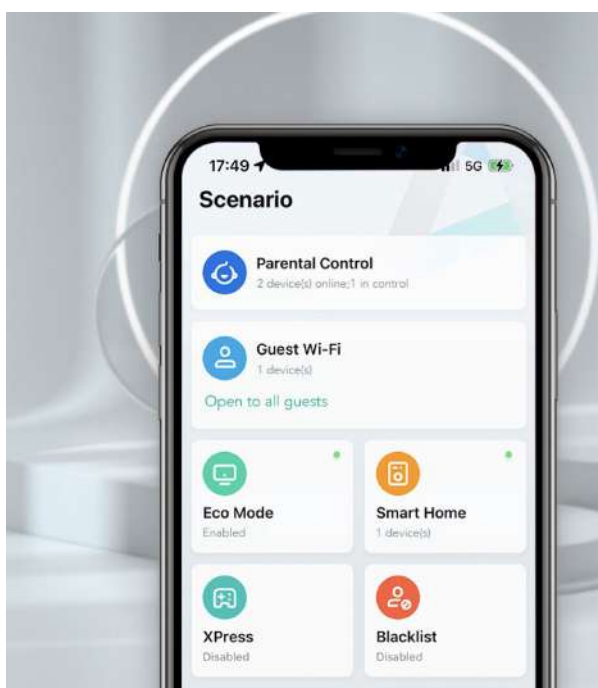
Unique Design, Delicate Look

You can barely find the cuter range extender in the market than EW1200R.



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,



Remote Reboot



Parental Control



Guest Wi-Fi



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

| | |
|-------|---|
| TR069 | ✓ |
|-------|---|

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 | - |
| 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 |

Ruijie | Rcycc

 **Redefine your easy network**

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