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 placement
- Reyee Mesh brings you unlimited signal connection everywhere you go
- More wireless mode options, more pleasant surprises
- Manage your home network with control at your fingertips

Highlight Features

RG-EW1200R

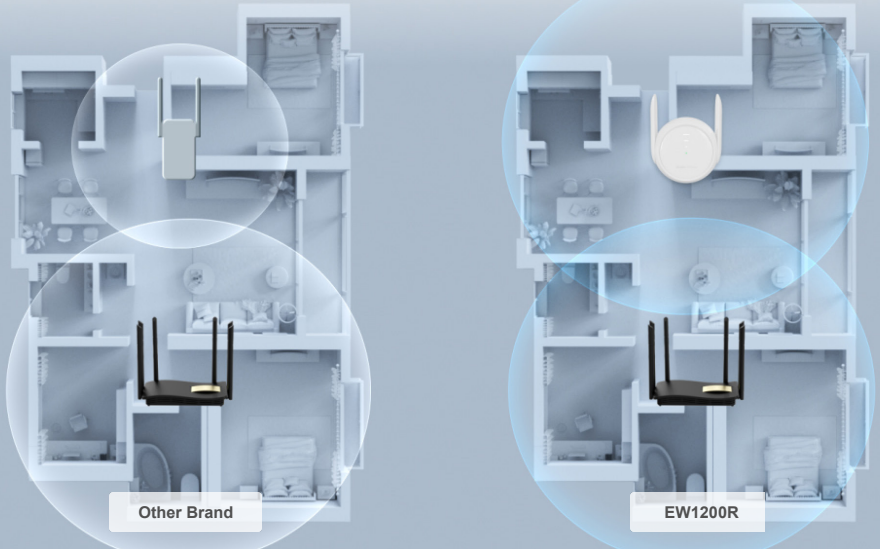
Cover your whole Home Network with one-click

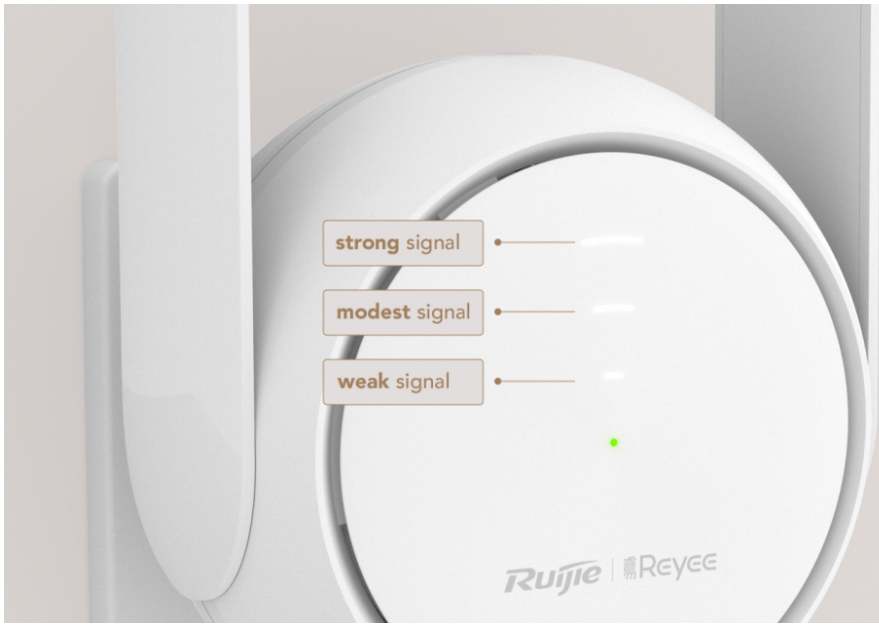
Dual-band Mesh Wi-Fi Extender



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 placement

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

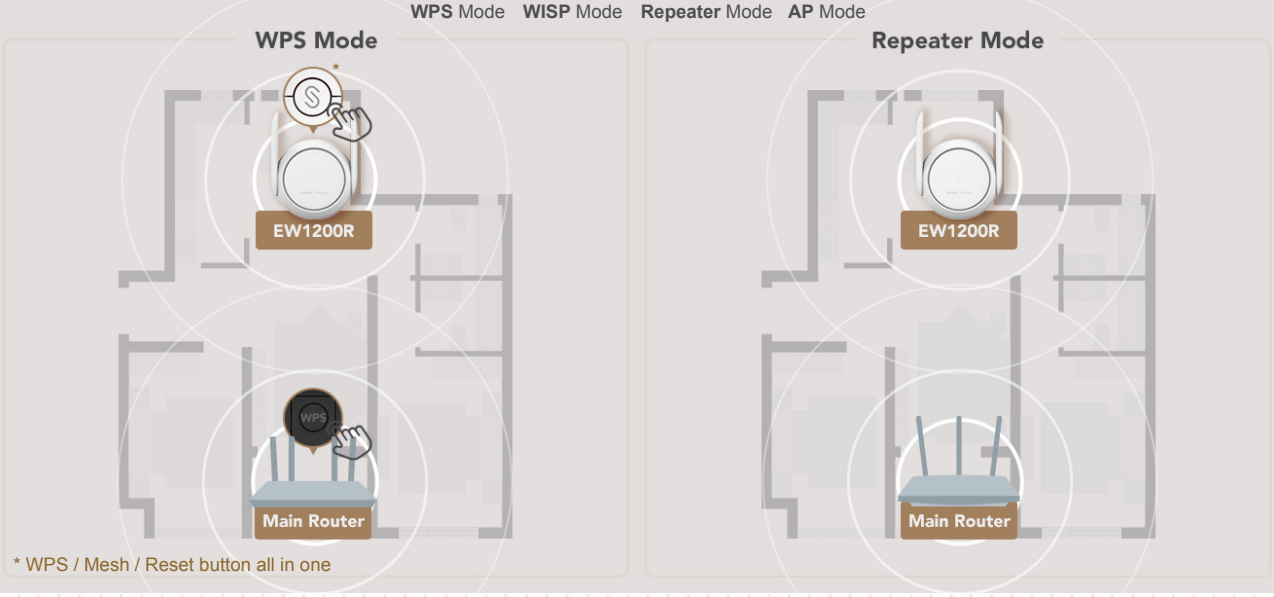
Reyee Mesh brings you unlimited signal connection everywhere you go

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



More Wireless Mode options, more pleasant surprises

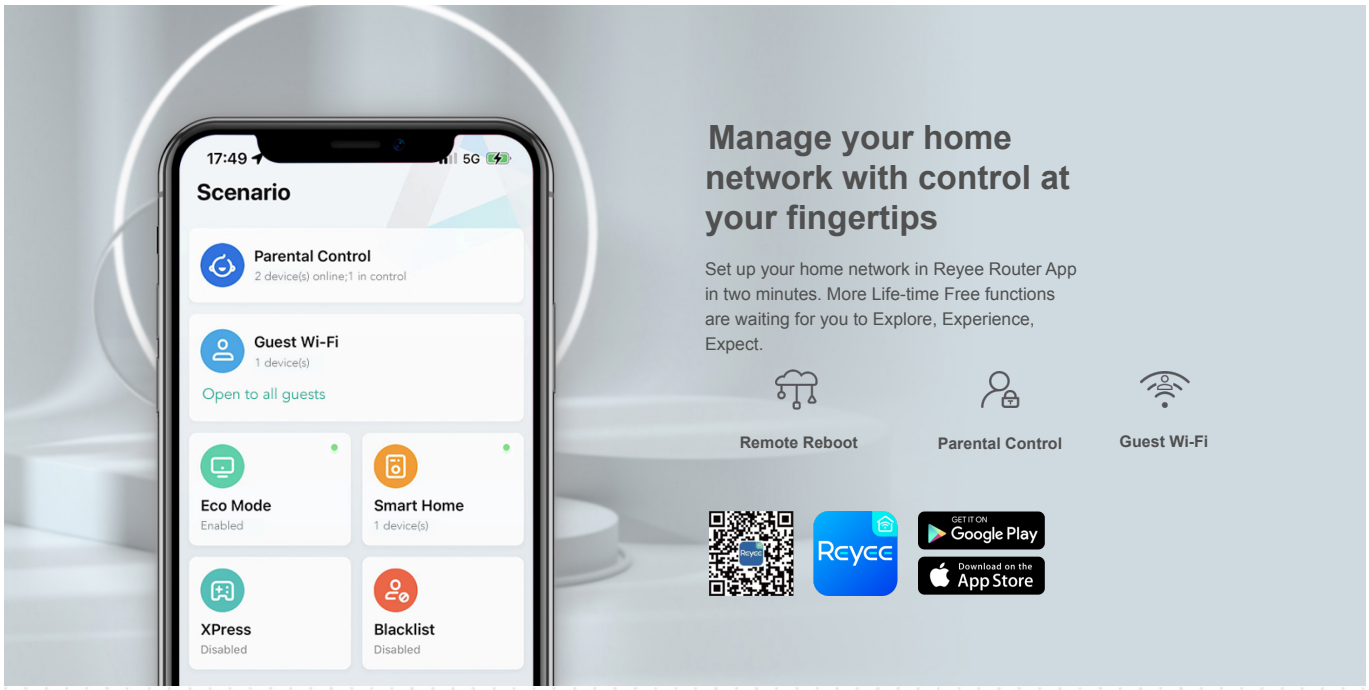
WPS Mode **WISP** Mode **Repeater** Mode **AP** Mode



* WPS / Mesh / Reset button all in one

Highlight Features





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	-

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**