# Reyee

# Reyee RG-REX12

## 1200M  Dual-band Mesh Wi-Fi Extender
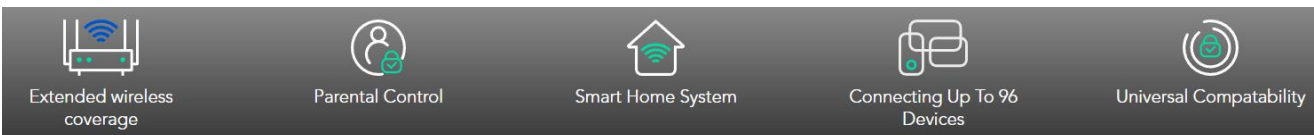
DATASHEET

# Product Overview

Reyee RG-REX12 is a 1200Mbps Wi-Fi Range Extender.
2 dual-band 4dBi antennas and 2 built-in FEMs combine to extend strong and reliable Wi-Fi throughout your home.

Operates over both the 2.4GHz band(300Mbps) and 5GHz band(867Mbps). Intelligent signal LEDs helps to find the best location for optimal Wi-Fi coverage by showing the signal strength.

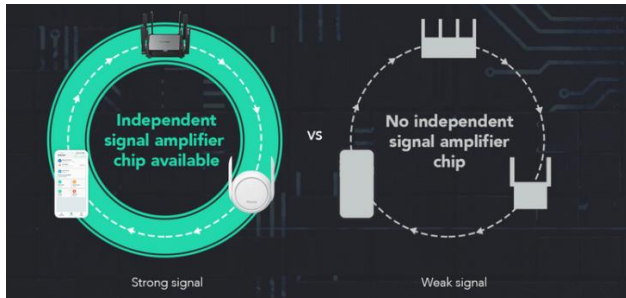Provides one 100Mbps WAN/LAN port.

Creates a Mesh network by connecting to a ReyeeMesh router for seamless whole-home coverage.
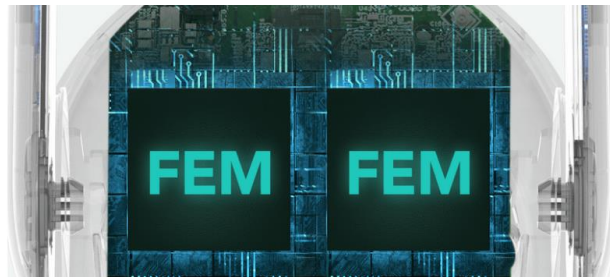
Secure One-touch Connection (WPS).

| Extended wireless coverage | Parental Control | Smart Home System | Connecting Up To 96 Devices | Universal Compatability |

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# Product Features


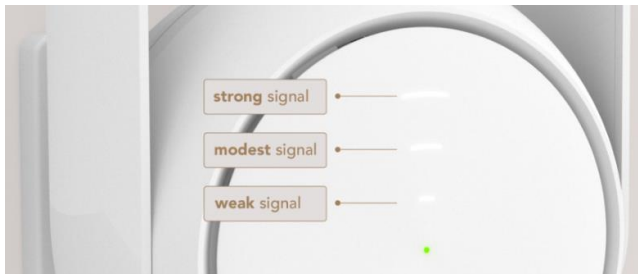
## Built In Coverage Signal Amplifier Chip

The built in coverage signal amplifier ensures efficient data transmission between the signal amplifier and the main router. Access to the internet as long as there is a signal.



## Benefits of Reyee Wifi Extender Signal Booster

Extend the range of your Wifi with the dual band REX12, compatible with any type of Router / Gateway / Access Point. Better performance with 2 independent FEM with effective transmission distance farther than others.



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

REX12 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
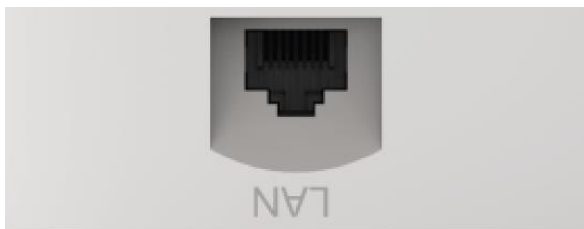
# Hardware Specifications

## Wireless Parameters

- 2.4 GHz, 2×2, maximum rate of 300Mbps
- 5 GHz, 2×2, maximum rate of 867Mbps
- 2 external omnidirectional antennas
- 802.11a/b/g/n/ac
- Independent 2.4 GHz and 5 GHz modules and Dual-Band mode
- Wi-Fi channel:
  2.4GHz： 2.4G~2.4835GHz
  5GHz： 5.150~5.250GHz， 5.250~5.350H， 5.470~5.725GH， 5.725~5.850GHz

## Ports

- One 10/100 WAN/LAN port (Auto MDI/MDIX)



## Buttons

- One Reyee Mesh/reset button

## Indicators

- One system LED indicator
- Reyee Mesh LED Indicator

## Certifications

- FCC/IC/CE/ROHS/cTUVus

## Operating Environment

- Operating temperature: −10℃ to +45℃
- Storage temperature: −40℃ to +70℃
- Operating humidity: 5% to 95% (non-condensing)
- Storage humidity: 5% to 95% (non-condensing)

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# Software Specifications

## Main Features

- WPS Mode, WISP Mode, Repeater Mode, AP Mode
- Priority to 5G
- Wireless Transmission Power adjustment
- Automatic channel adjustment
- Guest Wi-Fi
- Rate limiting for terminal IP addresses
- Static DHCP address

## Management modes

- Local web pages
- Reyee Router App: iOS and Android

## Advanced Features

- Reyee Mesh: Supported by EW Series Routers.
- Enables Mix & Match, Self-Healing, etc
- Wireless roaming
- One-click network optimization
- Troubleshooting/diagnosis
- Remote maintenance on the cloud
- Auto and manual software upgrade on the cloud
- Silent upgrade of cloud software

## Network Security

- WPA-PSK/WPA2-PSK encryption
- SSID hiding
- Network access control
- IP & MAC Binding
- Firewall