

Dual Band AC1200 High Performance Wireless Mesh Router

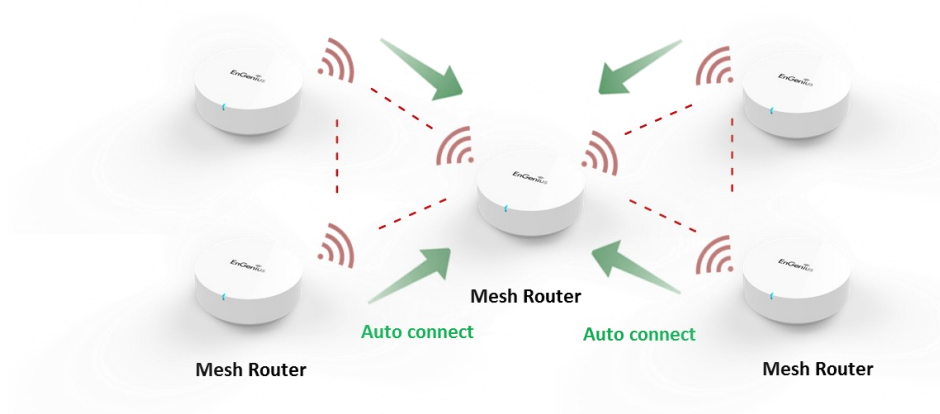
The edge 802.11ac built-in high performance Mesh Router with Mesh technology for high-density use on multiple applications.

EnGenius AC1200 Mesh Router EMR3000 is a new concept of Dual Band Dual Concurrent Wireless Mesh router. It can be easily deployed and maintained with simple configuration deployment and recovery capacity. It does not need complicated settings. Just plug your first EMR3000 into your cable or DSL modem, simply establish Mesh network from your mobile phone APP via few steps. Additional EMR3000 just need power on from the wall outlet and it will auto connect to existing EMR3000 Mesh network, that's all. Enjoy your whole home Wi-Fi network coverage in a minute!!



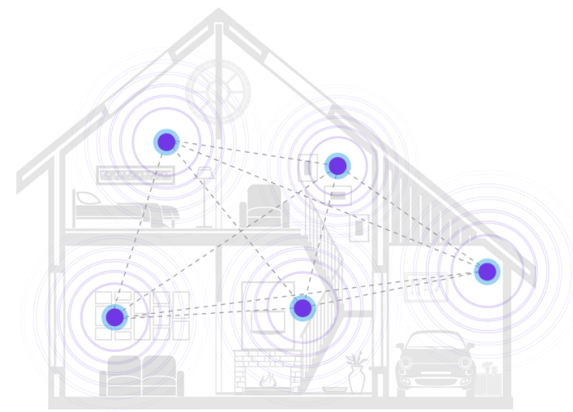
Features

- > IEEE802.11a/b/g/n/ac, Dual-Band & Dual Concurrent
- > Support up to 867 Mbps in 5GHz frequency band and 300 Mbps in 2.4GHz frequency band.
- > Mesh Easy deploy system with mobile app simple configuration
- > Built-in 360° high performance antenna for whole home Wireless Coverage
- > Guest Network provides Internet connection for guests but restricts access to your local network.
- > Parental Control to schedule times when access to the Internet is permitted and restrict access to websites
- > Auto firmware update keep your device's firmware up to date so you can benefit from the very latest service and security Enhancements
- > It's simple to set up. Easy to manage



Whole home Wi-Fi coverage with consistent performance

What is the best choice if a single router WiFi signal cannot cover your entire home? EMR3000 is an ideal solution for your home network environment. It can extend signal range from an internal high performance Wi-Fi module, the high-gain antenna arrays reduce the numbers of mesh node deployment typically requirement. No more Wi-Fi dead spots in your home with EnGenius

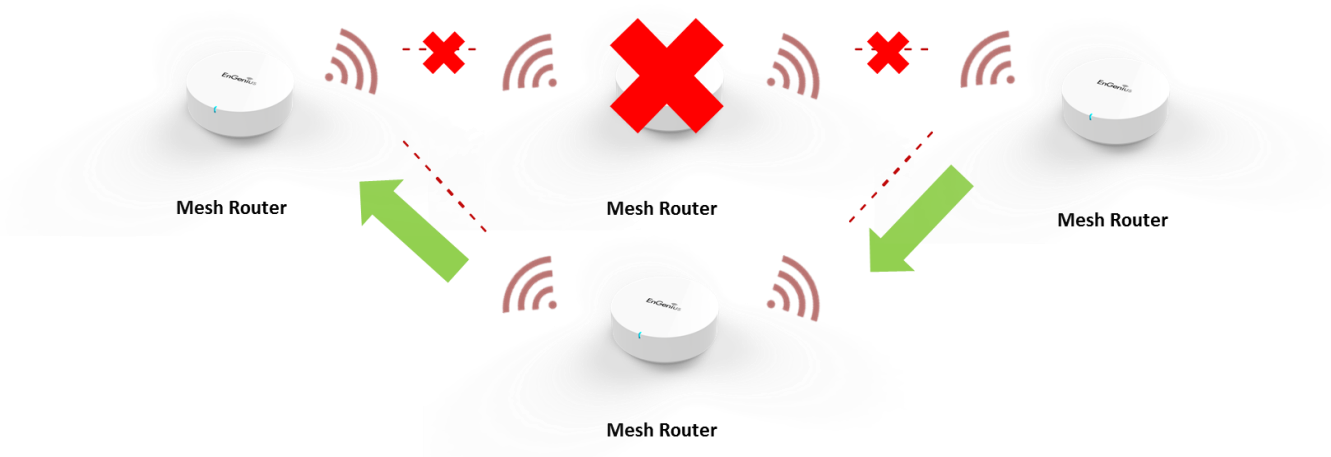


AC technology with High Performance Wi-Fi

EMR3000 is a Dual Band Dual Concurrent Wireless Mesh router with the latest 11AC technology. The total wireless speed is up to 1.2Gbps. It is two times faster than 802.11n technology. The upgraded throughput will bring you the smoothly wireless with lag free and flexible.

No worry about Wi-Fi problems

If there is a Wi-Fi problem, ever one of the EMR3000 fails by the power outage; other EMR3000 will find an alternative present and fixes the Wi-Fi connection by itself. EMR3000 Wireless Mesh system allows for multiple nodes with minimal signal loss and can connect up to 8 nodes of EMR3000 Mesh Router system. it's an ideal home Wi-Fi solution with users can simply have whole home Wi-Fi internet access.

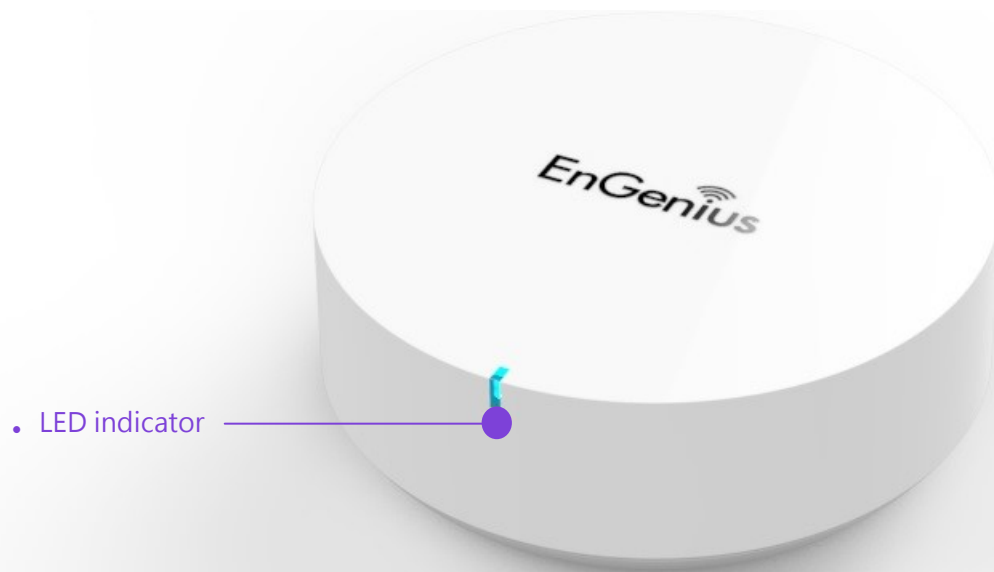


Easy set-up, use, plug and play Mesh Network

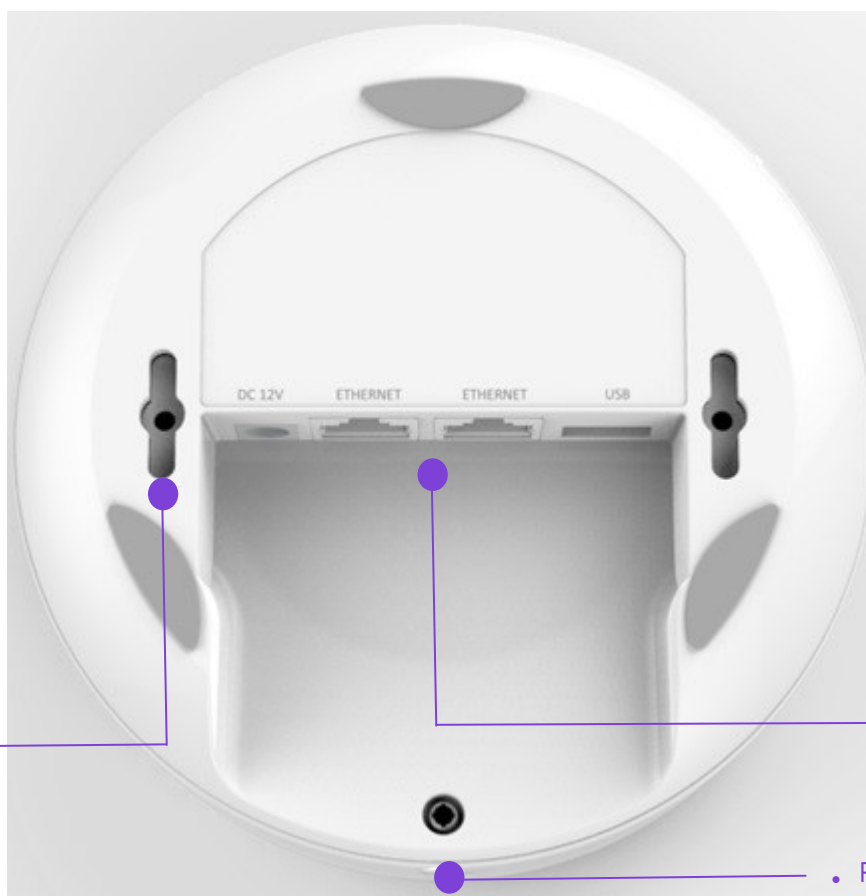
With EnMesh APP, it fully set up, deploy, and use by mobile device without complicating installation procedure. EnMesh provides a easiest way to construct Mesh Network is using EnMesh APP to smart connect all Mesh devices instantly when they were powered up. Therefore, it also provides Internet speed and easy configuration to do Mesh Network troubleshooting.



Physical Interface



- LED indicator



- Wall mount hole

Interface

- 1 x USB port
- 1 x DC Jack
- 2 x Ethernet port (WAN/LAN auto sensing)
- Reset Button

Technical Specifications High Performance Wireless Mesh Router

EMR3000 Mesh Router

Physical Interface

2x 10/100/1000Mbps Ethernet Port (WAN/LAN auto sensing)

1x USB Port

1x Reset Button

1x DC Jack

LED indicator

1 LED indicator with 3 different colors and types

White - Mesh and Internet connection status

Blue - Bluetooth connection status

Red - No Internet connection or Mesh connection

Package Content

1x EMR3000

1x Power Adapter

1x Quick Start Guide

1x RJ-45 Ethernet Cable

Hardware Specification

Dimension: 127 x 47.2mm (Diameter x Height)

Power Adapter: 12V / 1.5A

Certification

CE/FCC

Physical/Environment Condition

Operation Temp.: 0°C ~ 40°C

Humidity 90% or less (Non-Condensing)

Storage Temp.: -20°C ~ 60°C

Humidity 95% or less (Non-condensing)

Wireless Specification

IEEE802.11ac/a/b/g/n

Wireless Band: 2.4GHz / 5GHz

Dual Band Internal High Performance antenna

2.4GHz Tx Output Power: 20±1 dBm (MAX.)

2.4GHz Rx Sensibility: -85dBm (MAX.)

5GHz Tx Output Power: 19±1dBm (MAX.)

5GHz Rx Sensibility: -83dBm (MAX.)

(The MAX. Power may be different depending on local regulations)

Software Features

Operation mode: Mesh Router/ Mesh AP

Mesh easy connection, Mesh connection status

Wireless Output Power Control

Wireless QoS (WMM)

Guest Network by Wireless SSIDs

Encryption: WEP / WPA / WPA2 / TKIP / AES

WAN: PPPoE / Static IP / DHCP

IPv6 WAN / IPv6 LAN

DHCP Server

Port Forwarding / Mapping / Tagging

QoS: MAC / IP / Port based

URL / IP / Port / ICMP Filtering

UID / DDNS / EnGenius DDNS Service

UPnP / UPnP NAT Traversal

IGMP Proxy

Remote Control / Firmware Upgrade

Emergency Recovery Page (System failure)

Backup / Restore Setting

EnMesh Mobile App. (iOS/Android) Supported