



Stable, High Performance, Full-Strength Wi-Fi

EMR5000

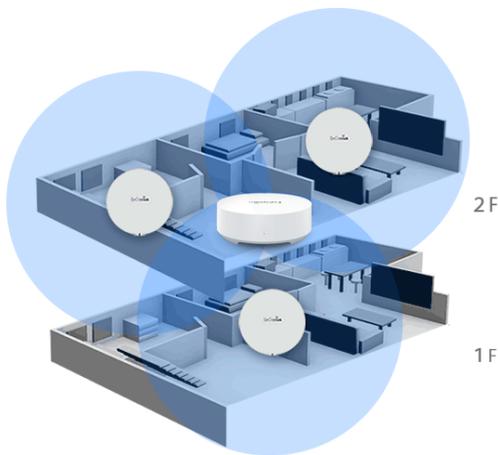
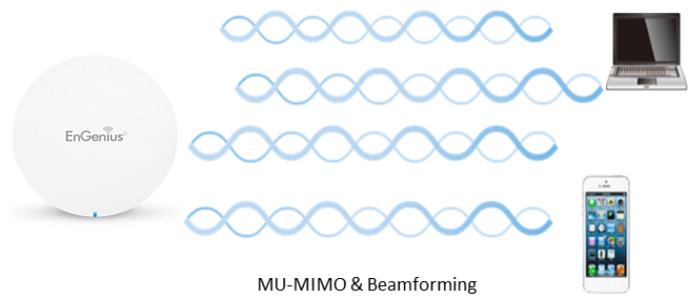


AC2200 High Performance Mesh Router

EnGenius EMR5000 comes with Tri-band radios and high performance AC2200 to maximize the Internet speeds in your home. The new arrival router which is designed to provide a dedicate radio for Mesh backhaul and dual radios for multiple devices to deliver 100% full-strength Wi-Fi signal in a Mesh Network.

Serve More Clients, More Efficiently

EMR5000 support multiple spatial streams to be allocated to different clients simultaneously (MU-MIMO). Also focus on identifying radio signal to transmit to a particular user more efficiently.

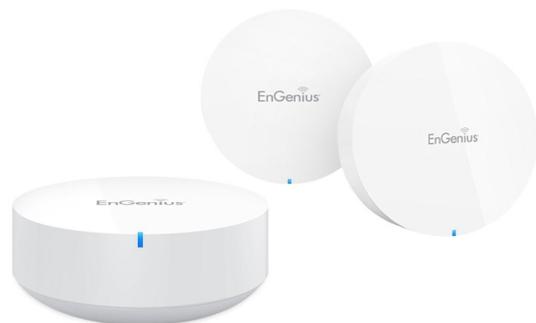


Works Together for Full Coverage

EMR5000 is built-in EnMesh™ wireless link technology, which works with EMD/EMR Series as a Mesh Network. Otherwise, EMR5000 comes with 360° high performance antenna to extend Wi-Fi coverage at entire home.

Seamless Connectivity From Room to

EMR5000 also provides fast roaming, which enables to keep seamless connectivity when moving from room to room along with using voice App or downloading large files.





3 Steps to Build Your 1st Home Mesh System

- Step1:** Download EnMesh™ APP on your phone, and power on the first EMR5000
- Step2:** Set up your preferred Wi-Fi name
- Step3:** Power on other devices to join and Done!



Full Control of Your Networks at Your Fingertip

By EnMesh™ App, setting up and managing your Wi-Fi system can be so easy to give you total control and insight of the entire wireless network in your finger.

EnMesh Features:

- Easy Setup via EnMesh App
- Deployment Distance Measurement
- Internet Speed Test
- Firmware Upgrade at a glance
- Parental Control/ Web Filter
- QoS for Mesh network's Clients
- Monitor Wi-Fi Connection Quality
- Node to Master Throughput Test

Add USB on Router to access EnFile Management tool

EnFile is designed to organize & manage your files with ease. Easily download and access files from anywhere. Experience a clean user interface that lets you organize, filter, and search saved documents to create more efficiency in your file manage-

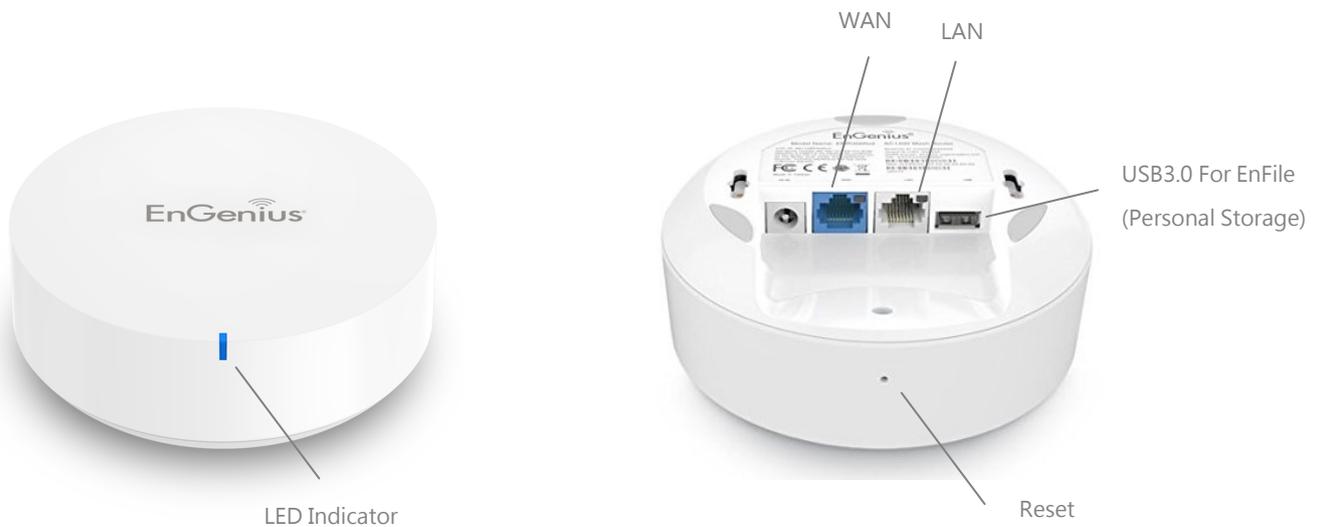


EnFile Features:

- Easy to access documents, photos, music and video files
- Customize lists and categories for easy file discovery
- No in-app Ads or carrier data usage
- Plug-in USB drive to mesh router to use external storage.



Physical Interface



Technical Specifications

Wireless Connectivity

AC2200 Tri-band simultaneous radios 2.4GHz, 5GHz
 2x2 MU-MIMO, Beamforming for 2.4GHz and 5GHz
 IEEE802.11b/g/n-2.4GHz 256QAM x1
 IEEE802.11a/n/ac-5GHz 256QAM x2

Wired Connectivity

Dual Gigabit Ports for WAN and LAN Connectivity

Operation 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)

Software Features

Fast Roaming, Band Steering, Internet Speed, QoS Setting, UID/DDNS Remote Control, Parental Control, Air Print Server, Throughput Test, WPS, Restart/ Reset Setting, EnMesh App Setup,/Configuration (iOS/Android)

Security

WPA2 Personal Wireless Encryption

Dimensions / Electrical Requirement

Width: 127 mm (5in)
 Depth: 127 mm (5in)
 Height: 57 mm (2.2in)
 DC Input: 12V1.5A