



roAMii

BE Lite Mesh System



WiFi Everywhere in Your Home

Roamii WiFi 7 Mesh System brings fast and reliable WiFi coverage to each corner of your home, allowing you to enjoy online gaming and streaming wherever you are. Simple steps and an intuitive UI make setup a breeze. Advanced mesh technology allows users to roam from the front door to the backyard while connected on a unified network. Roamii BE Lite comes with MSI FortiSecu powered by Trend Micro™, protecting your smart home by automatically detecting and blocking cyber threats.

Key Features



WiFi 7
The latest WiFi standard featuring MLO, 4K-QAM and MU-MIMO



Dual-band 3.6Gbps
2882 Mbps at 5 GHz and 688 Mbps at 2.4 GHz



Roamii whole home WiFi
Build a unified home network with up to 5,800 sq ft of coverage, supporting 120+ devices.



MLO
Provides multiple band streams to a single device, boosting throughput and reducing latency for a faster and more reliable connection.



FortiSecu
24/7 security protection, parental controls and separated networks



Up and running in minutes
Setup and manage your home network with Roamii app



2.5Gbps Ethernet port
One 2.5Gbps Ethernet port and two 1Gbps Ethernet ports



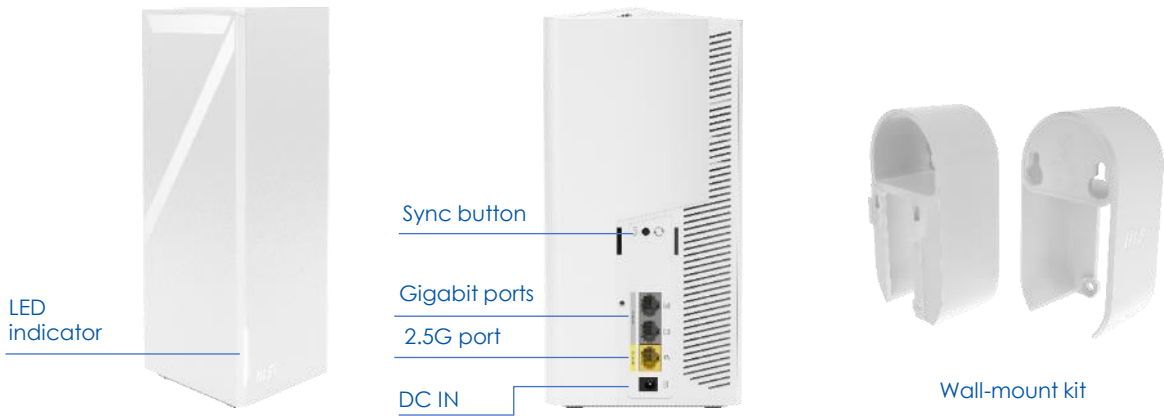
Wall-mounting kit included
Place Roamii on desktop or mount it on wall as you desire



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PHYSICAL INTERFACE



SPECIFICATIONS

Technical Specifications

- WiFi standards**
WiFi 7 and back forward compatible
 - 5 GHz: IEEE 802.11be/ax/ac/n/a
 - 2.4 GHz: IEEE 802.11be/ax/n/b/g
- WiFi speed**
 - 2.4GHz BE: Up to 688 Mbps 2x2 4K-QAM 20/40MHz
 - 5GHz BE: Up to 2882 Mbps 2x2 4k-QAM 20/40/80/160MHz
- WiFi features**
 - Multi-Link operation (MLO)
 - Adaptive Puncturing
 - MU-MIMO
 - OFDMA
 - 4K-QAM
 - Multi-RUs
 - Beamforming
 - Guest WiFi/ Multiple SSID
 - WPS
- Security**
 - FortiSecu powered by Trend Micro™
 - Network security
 - Parental controls
 - Guest network isolation
 - WPA-PSK, WPA2-PSK, WPA3-PSK
- VPN**
 - Open VPN Server

- Mesh**
 - Wireless Backhaul
 - 802.11k/v/r
 - Band Steering
 - AP Steering
 - Auto RE configuration
 - MLO Backhaul links†
 - Backhaul quality LED indicator
- Wired interface**
 - 2.5G Ethernet port x1
 - Gigabit Ethernet port x2
- Buttons**
 - Sync button
 - Reset button
- Processor**
 - Quad Core 1.5GHz
- Memory**
 - RAM 2GB
 - Flash 256MB
- Management interface**
 - App (IOS and Android)
 - Web GUI
- Operation mode**
 - Router mode
 - AP mode

Physical Specifications

- Dimensions**
 - 118.5 x 108 x 238 mm/
4.7 x 4.3 x 9.4 inch
- Weight**
 - 585 g / 1.3 lb (per unit)
- Power rating**
 - 12V/1.5A

Package Contents

- Roamii BE Lite(2-pack)**
MRBE50 x 2
Power adapter x2
Wall-mount kit x2
Ethernet cable x1
Quick start guide x1
- Roamii BE Lite(1-pack)**
MRBE50 x 1
Power adapter x1
Wall-mount kit x1
Ethernet cable x1
Quick start guide x1

† MLO backhaul will be available with a firmware update in Q1 2025

* Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and lowered by network conditions and environmental factors, including volume and density of network traffic, obstacles and building construction.

* Use of Wi-Fi 7 (802.11be), Wi-Fi 6 (802.11ax), and features including MLO, 4K-QAM, Multi-RUs, OFDMA, MU-MIMO, 160/240/320MHz-Channel require both router and client to support the corresponding features.

* The 160/240/320 MHz bandwidth may be unavailable in some regions/countries due to local regulatory restrictions.

* All brand names are registered trademarks of their respective owners.

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