

# MESH+ Smart WiFi System

---

## Tri-band AC4400 MESH+ WiFi Kit (E03MA + E03SA)

## E33AAD Datasheet

### Overview

---

**MESH+ SMART WiFi System** is based on newest wireless Technology to make WiFi experience more comfortable.

The unique smart router is powerful enough to cover 2500 square feet with strong signal, and it's simple to add "node "to extend additional 2500 square feet with high speed wireless bandwidth.

Smart WiFi System is the best and perfect solution for apartments and big houses.



**Make WiFi Smarter, Turn Life Easier**

### Key Feature

---

#### **Avant-garde idea with high quality material**

Modern and fashion design lightens family life. Green material secure family health.

#### **No dead-zone to reach all corners**

With high performance antennal and most effective design, the signal reaches any places. Meanwhile, new Wi-Fi technology makes it flexible to extend signal range with Wi-Fi Node.

#### **High speed WiFi up to 4.4Gbps**

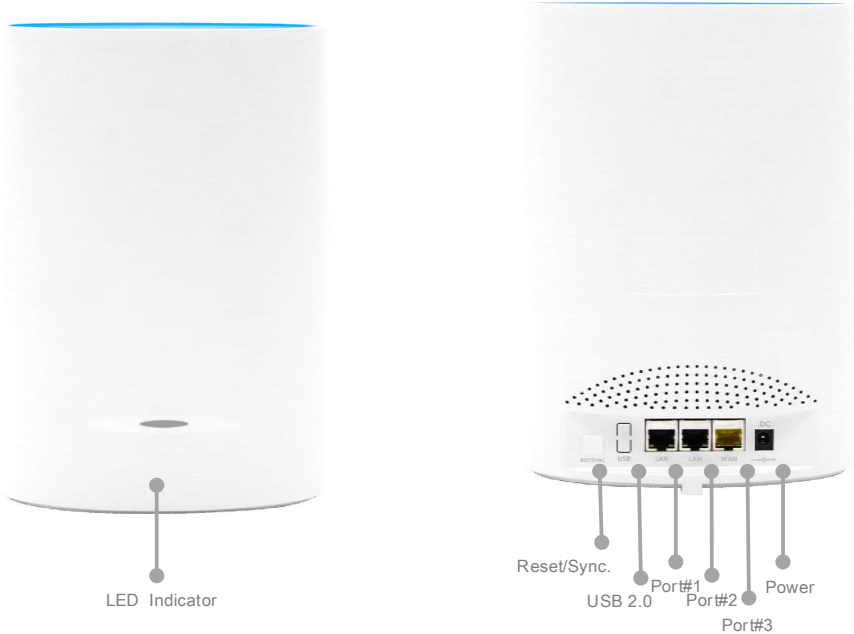
Tri-band Wi-Fi, provide wider data lane and reliable & fast WiFi for 4K / 8K streaming video or game needs.

#### **Seamless roaming**

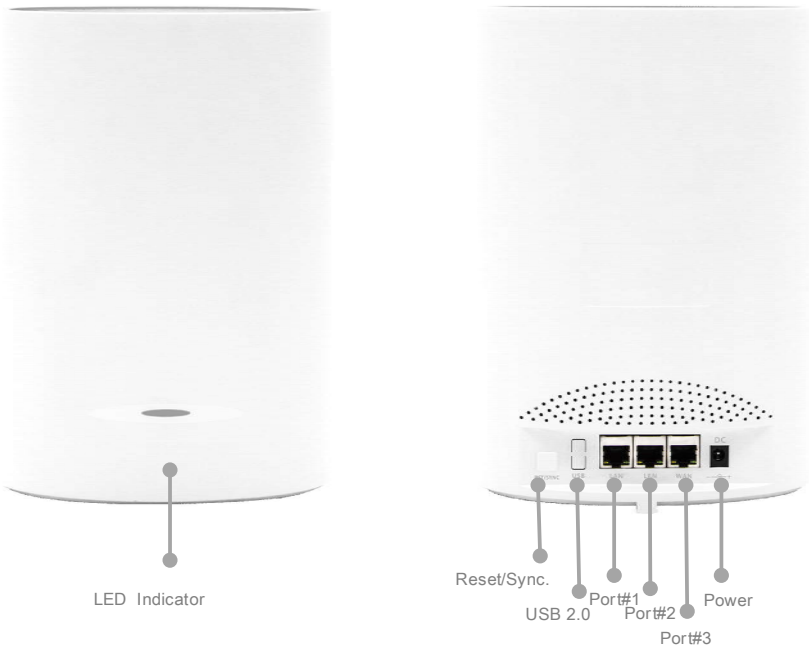
Never feel terrible interrupt and lag while you are in calling or gaming through different rooms.

# Interfaces

## Router E03MA



## Node E03SA



## What's in the package?

---

- One (1) MESH+ Router (E03MA)
- One (1) MESH+ Node (E03SA)
- One (1) 1m Cat5e Ethernet cable
- Two (2) DC12V/2.0A power adapter
- Quick start guide

## Software Function

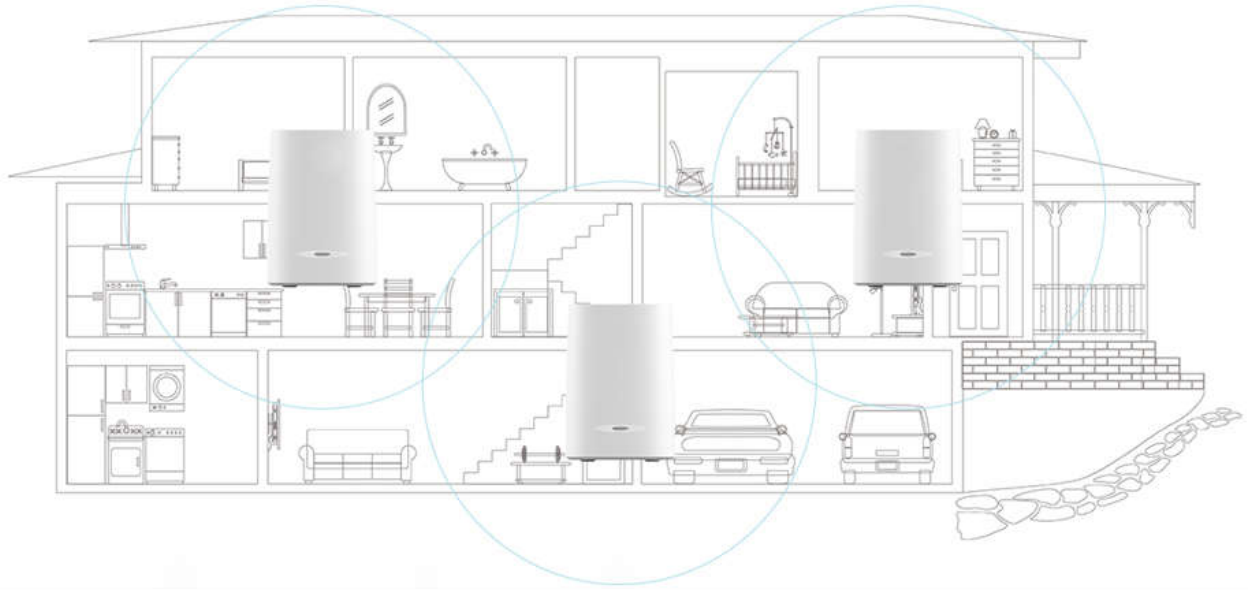
---

Web Service and mobile App, provide the better user experience of setup and management.

- Safe Wi-Fi Setting
- Parental Control
- Speed Test
- Client management
- Data Statistics
- Network Map

## Signal Coverage

The MESH+ kit covers 5000 square feet for whole home WiFi.



## MU-MIMO

Multi-User Multi-In Multi-out: increase the WiFi effectivity, allow more mobile clients to access network simultaneously with smooth connections.



## Tech Specification

---

- Wireless Connectivity
  - Radio 1: 400Mbps @ 2.4GHz: Supports 256QAM
  - Radio 2: 866Mbps @ 5GHz: Supports 256QAM
  - Radio 3: 866Mbps @ 5GHz: Supports 256QAM
- 130 wireless terminals with Peak Connection (each)
- IEEE 802.11a/b/g/n ,802.11ac wave2
- MU-MIMO capable for simultaneous data streaming
- Implicit & Explicit Beamforming for 2.4GHz & 5GHz bands
- WiFi Security – WPA2/WPA
- Solution – Qualcomm IPQ4029
  - 32MB Flash
  - 512MB DDR3
- Core Technology
  - MESH+ Wi-Fi SON
- Antenna – Six (6) high performance internal antennas
- Ethernet Ports (Router)
  - Three (3) 10/100/1000Mbps Gigabit Ethernet ports
  - One (1) WAN & Two (2) LAN
- Ethernet Ports (Node)
  - Three (3) 10/100/1000Mbps Gigabit Ethernet LAN ports
- Reset & Sync Button (reuse)
- LED Indicator Status (Router)
  - Color Red ON: Power ON
  - Color Blue Blinking: Link Coding with Sub-node
  - Color Blue ON: Internet connected
- LED Indicator Status (Node)
  - Color Red ON: Power ON
  - Color Blue Blinking: Link Coding with Router
  - Color Blue ON: Router connected
- Dimensions: 242mm\*170mm\*60mm each
- Weight: 680g each

## Pair Solution

---

- E03SA Gigabit Ethernet Tri-band AC2200 WiFi Node
- E03SP Gigabit Ethernet Dual-band AC1200 WiFi Node

\* App Store is a service mark of Apple Inc., registered in the U.S. and other countries. Google Play is a trademark of Google Inc. Any other trademarks on this package are for reference purposes only.

\* Maximum wireless signal range derived from IEEE standard 802.11 specifications. Actual data throughput and data over distance will vary. Network conditions and environmental factors, including volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput rate and wireless coverage.

\* For Home indoor use ONLY. This product comes with a limited warranty. Not in warranty if mis-operated.