ASUS ZenWiFi BD4 User Manual

Manualsum, simplified manuals

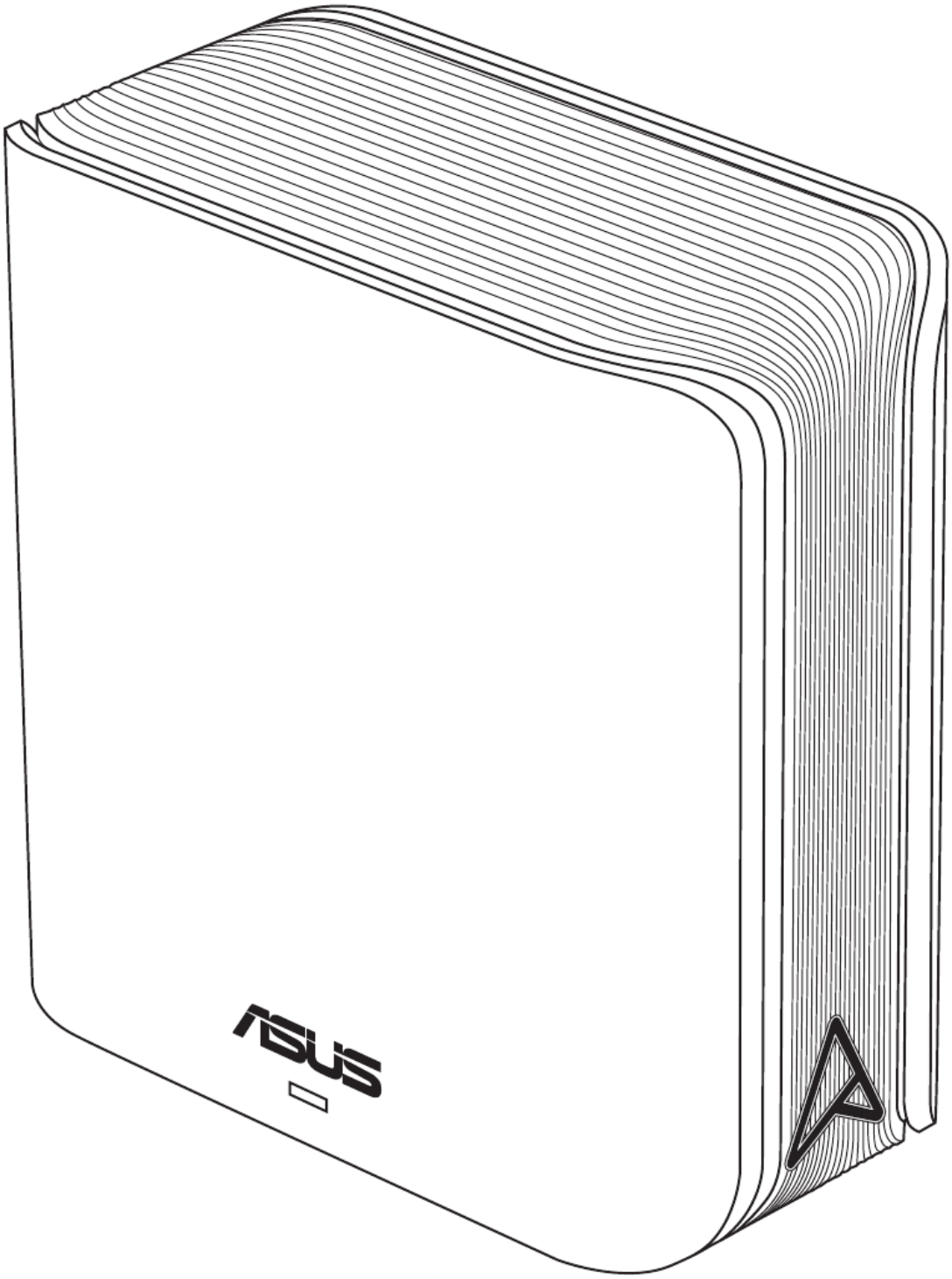
Table of Contents

- ASUS ZenWiFi BD4 User Manual
  - Hardware Explanations
    - ZenWiFi BD4 Overview
  - Specifications:
  - Before Setup
  - ASUS Router App
  - AiMesh Setup Steps
    - Prepare
    - AiMesh node
    - Launching ASUS Router APP
  - Troubleshooting
  - Relocation
    - ZenWiFi BD4 LED indications
  - FAQ

ASUS ZenWiFi BD4 User Manual

ASUS ZenWiFi BD4 User Manual

FCC id: MSQ-RTBE7M00



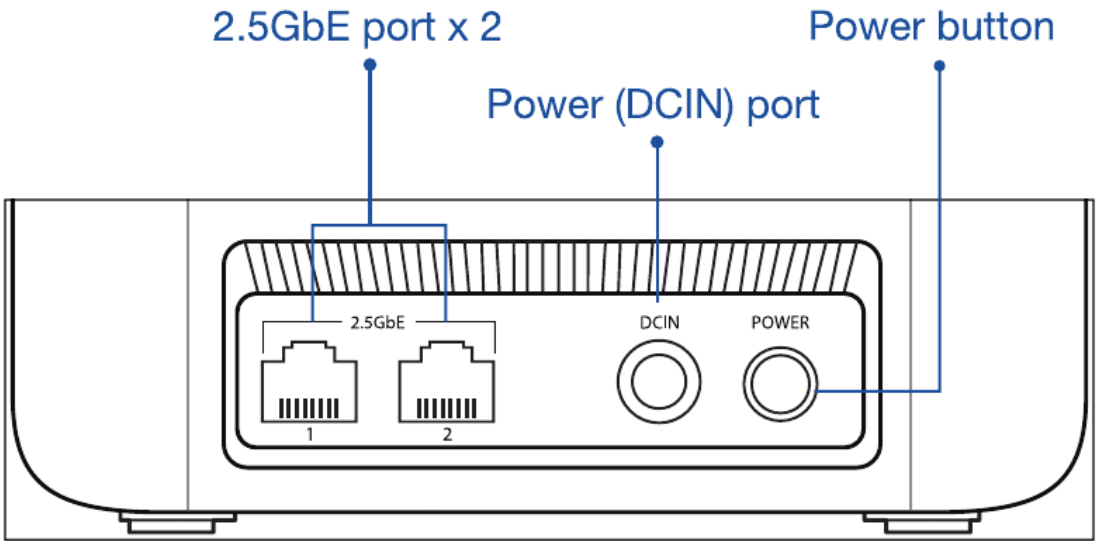
Manualsum

IN SEARCH OF INCREDIBLE

Hardware Explanations

1. Plug the adapter into the DC port, and press the power switch.
2. The power LED will light up when your hardware is ready.

ZenWiFi BD4 Overview



2.5GbE port (WAN/LAN auto-detecting)

- Connect your optical modem to a 2.5GbE port with a network cable.
- Connect your PC to a 2.5GbE port with a network cable.

Specifications:

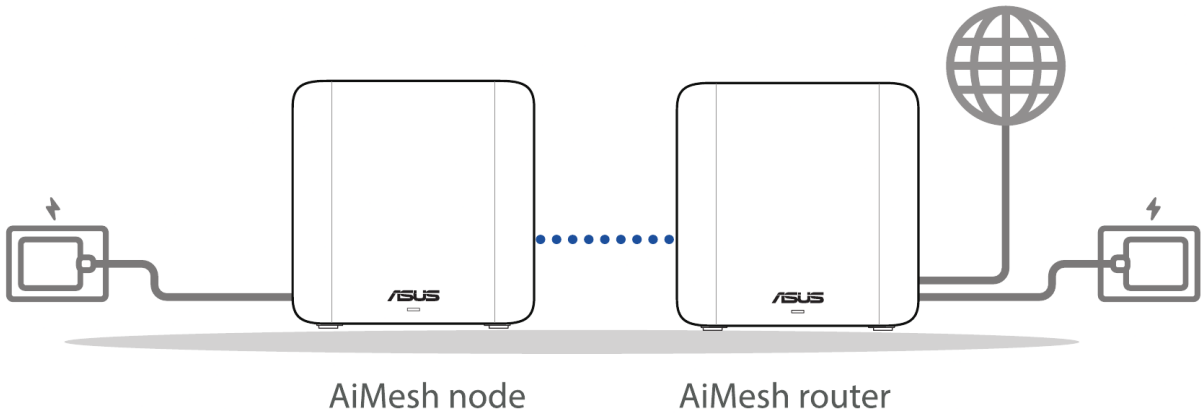
DC Power Adapter	DC Output: +12V with max 1.5A current	
Operating Temperature	0~40°C	Storage 0~70°C
Operating Humidity	50~90%	Storage 20~90%

Manualsum

Before Setup

Preparing to set up an AiMesh WiFi system

1. Find two ZenWiFi BD4, and power both on.
2. Use a network cable to connect your optical modem to a 2.5GbE port of ZenWiFi BD4 with the “Main Unit” sticker. This ZenWiFi BD4 will be the AiMesh router, and the other ZenWiFi BD4 will be the AiMesh node.
3. The LED turns solid blue to indicate that ZenWiFi BD4 is ready for setup.



ASUS Router App

Download free ASUS Router APP to set up and manage your router(s).

Manualsum

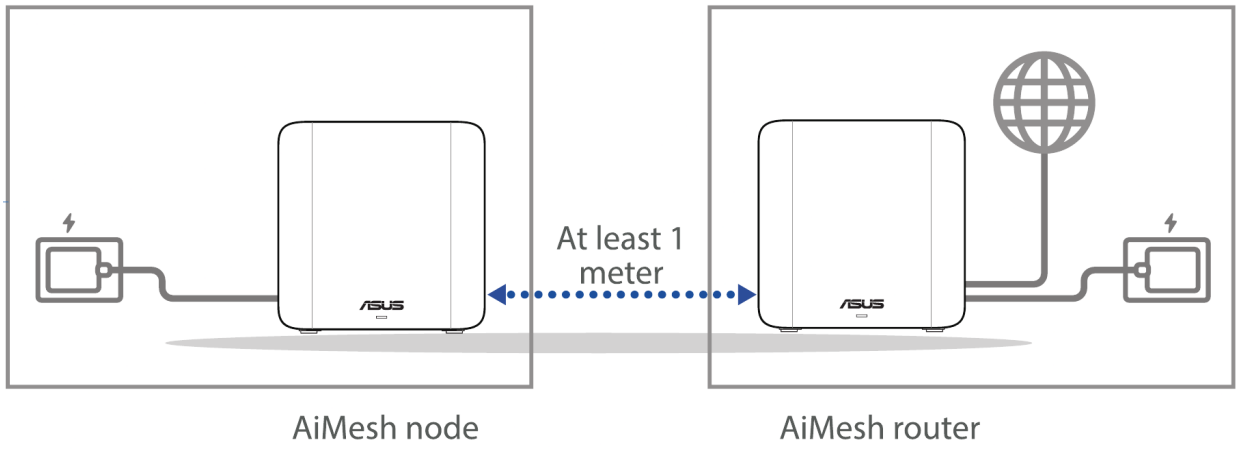
GET IT ON Google Play

Download on the App Store

AiMesh Setup Steps

Prepare

Place your AiMesh router and node in the same room and at least 1 meter apart during the setup process.



AiMesh node

Keep your AiMesh node powered on and standby for AiMesh system settings.

Manualsum

Launching ASUS Router APP

Launch ASUS Router APP, and then follow the on-screen instructions to finish the AiMesh setup.

NOTE: When you’re using a wireless backhaul to connect your router and AiMesh node, both 2.5GbE ports on your AiMesh node can be used as LAN ports.

Troubleshooting

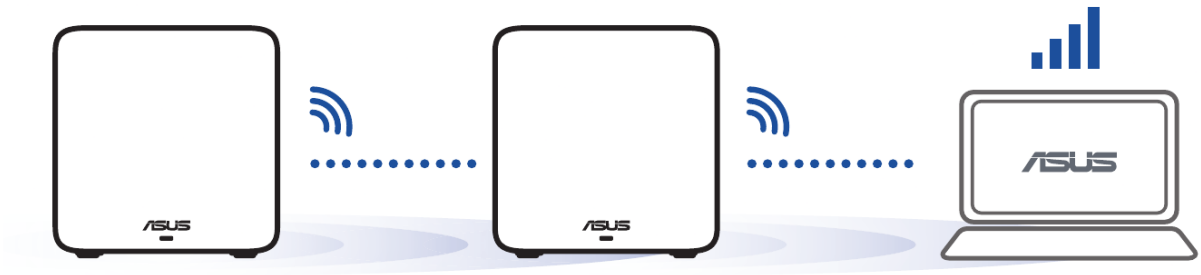
If your AiMesh router cannot find any AiMesh node nearby or synchronization fails, please check the following and try again.

- Move your AiMesh node closer to the AiMesh router ideally. Ensure that it is within 3 meters.
- Your AiMesh node is powered on.

Relocation

THE BEST PERFORMANCE

Locate the AiMesh router and node at the best place.



NOTES: To minimize interference, keep the routers away from devices like cordless phones, Bluetooth devices and microwave ovens. We recommend that you place the routers in an open or spacious location.

ZenWiFi BD4 LED indications

Solid blue:

Your ZenWiFi BD4 is ready for setup.

Solid white:

Your ZenWiFi BD4 is online and works well.

Solid yellow:

Manualsum

The signal between your ZenWiFi BD4 router and the node is weak.

Solid red:

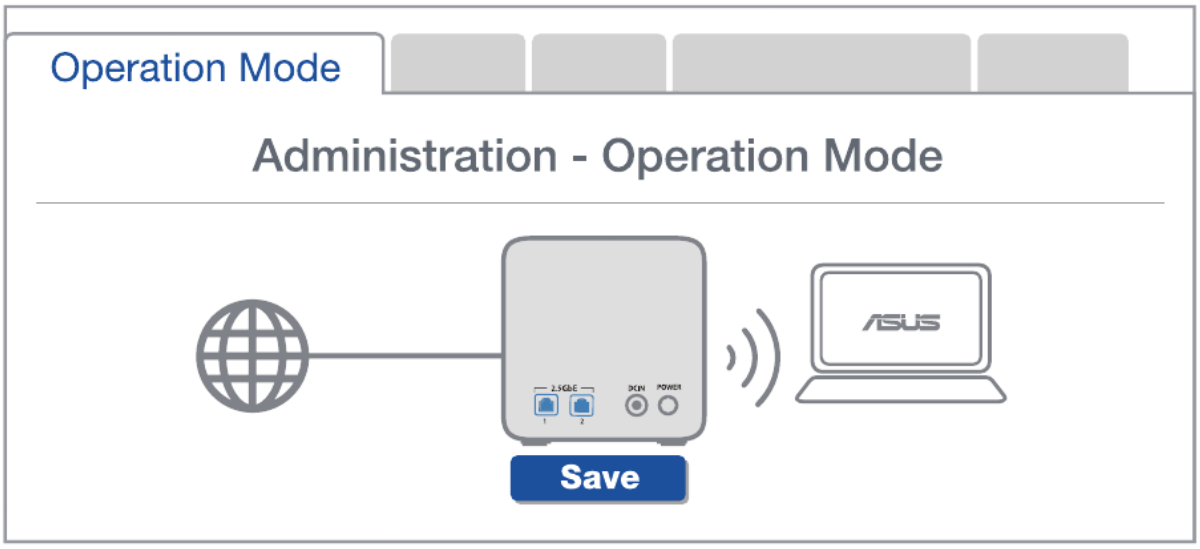
Your ZenWiFi BD4 router has no Internet connection. / Your node is disconnected from the router.

FAQ

FREQUENTLY ASKED QUESTIONS

Q1: Does the AiMesh router support Access Point mode?

A: Yes. You can choose to set the AiMesh router as router mode or access point mode. Please go to web GUI (http://www.asusrouter.com), and go to the page Administration > Operation Mode.



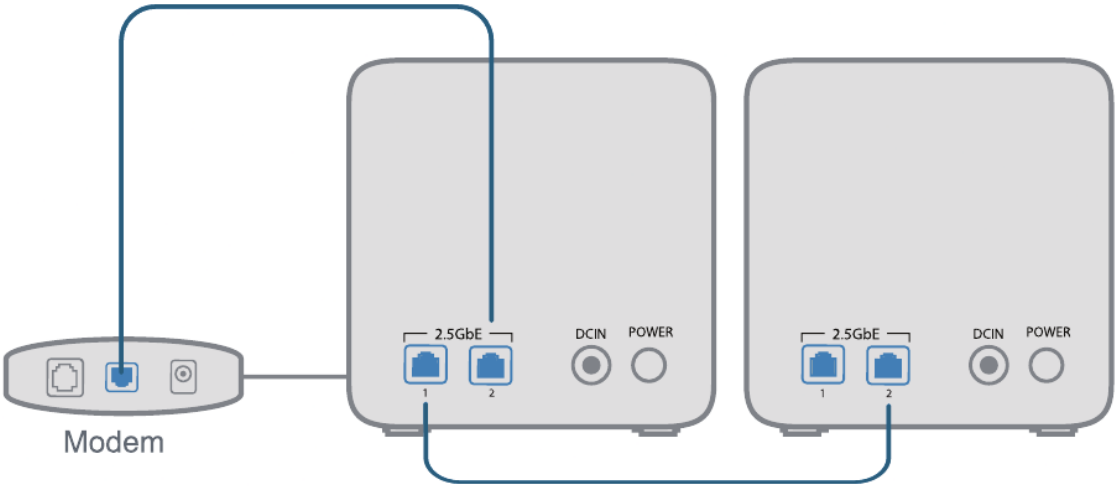
Q2: Could I setup wired connection between AiMesh routers (Ethernet backhaul)?

A: Yes. AiMesh system supports both wireless and wired connection between AiMesh router and node to maximize throughput and stability. AiMesh analyzes the wireless signal strength for each frequency band available, and then determines automatically whether a wireless or wired connection is best to serve as the inter- router connection backbone.

1. Follow the setup steps to establish a connection between the AiMesh router and node via WiFi first.

Manualsum

2. Place the node in the ideal locations for best coverage. Run an Ethernet cable from either 2.5GbE port of the AiMesh router to either 2.5GbE port of AiMesh node.



3. AiMesh system will auto-select the best path for data transmission, whether wired or wireless.

Q3: Where can | find more information about Mesh WiFi system?

A: Technical support site: https://www.asus.com/support

Service and Support

https://www.asus.com/support

Video Tutorials

https://qr.asus.com/wl_videotutorials

Manualsum