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ASUS BD4 (W-3-PK)

ASUS ZenWiFi BD4 (3-Pack) WiFi 7 Mesh System User Manual

Model: BD4 (W-3-PK)

INTRODUCTION

The ASUS ZenWiFi BD4 (3-Pack) is a state-of-the-art dual-band WiFi 7 mesh system designed to provide comprehensive and worry-free wireless coverage for your entire home. Leveraging next-generation AiMesh technology, this system delivers blazing-fast speeds up to 3.6 Gbps, ensuring superior WiFi performance and eliminating dead zones across up to 6500 sq.ft.

WHAT'S IN THE BOX

Before you begin, please ensure all items are present in your package:

- ZenWiFi BD4 units (3 pack)
- RJ45 Ethernet cable
- Power adapters (3 units)
- Warranty card
- Quick start guide



Image: The three ASUS ZenWiFi BD4 mesh units included in the package.

SETUP GUIDE

Setting up your ASUS ZenWiFi BD4 mesh system is a straightforward process. Follow these steps for optimal performance.

Step 1: Placement

Place your primary ZenWiFi BD4 unit near your modem or internet service provider's (ISP) device. Position the other two units strategically throughout your home to maximize coverage, ensuring they are within range of each other and the primary unit.

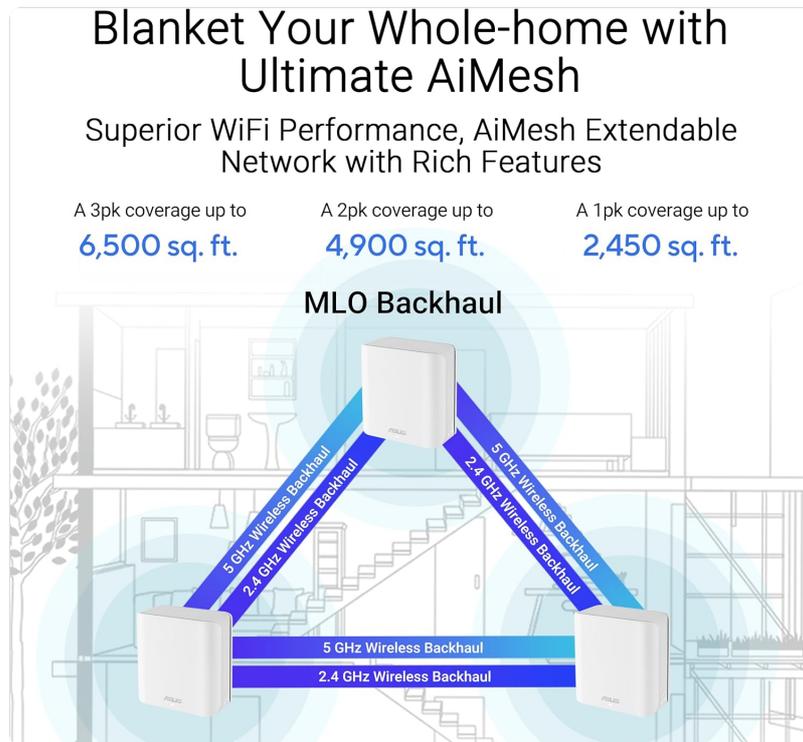


Image: Illustration of ZenWiFi BD4 units providing whole-home coverage with AiMesh technology.

Step 2: Connect the Primary Unit

1. Connect one end of the RJ45 Ethernet cable to the WAN/LAN port (Port 1, typically) on the primary ZenWiFi BD4 unit.
2. Connect the other end of the Ethernet cable to your modem's LAN port.
3. Plug the power adapter into the DCIN port of the primary unit and then into a power outlet.



Image: Rear view of the ZenWiFi BD4 unit, highlighting the dual 2.5G WAN/LAN ports.

Step 3: Power On and Configure

1. Press the power button on the primary unit. Wait for the LED indicator to show a stable white or blue light, indicating

it's ready.

2. Download the ASUS Router app on your smartphone or tablet from the Google Play Store or Apple App Store.
3. Open the app and follow the on-screen instructions to set up your mesh network. The app will guide you through connecting the additional units and configuring your Wi-Fi name (SSID) and password.



Image: The ASUS Router app interface demonstrating the easy 3-step setup process.

OPERATING YOUR ZENWiFi BD4 SYSTEM

Once set up, your ZenWiFi BD4 system operates seamlessly to provide high-speed, reliable Wi-Fi. Here are some key features and how to manage them:

AiMesh Technology

The ZenWiFi BD4 utilizes ASUS AiMesh technology to create a single, unified Wi-Fi network throughout your home. Devices automatically connect to the strongest signal as you move, ensuring uninterrupted connectivity.

Smart Home Master SSIDs

Manage your network with up to three distinct SSIDs for different purposes:

- **IoT Network:** Dedicated for smart home devices, enhancing security.
- **Kid's Network:** For children's devices, allowing for parental controls.
- **VPN Network:** For secure, encrypted connections.

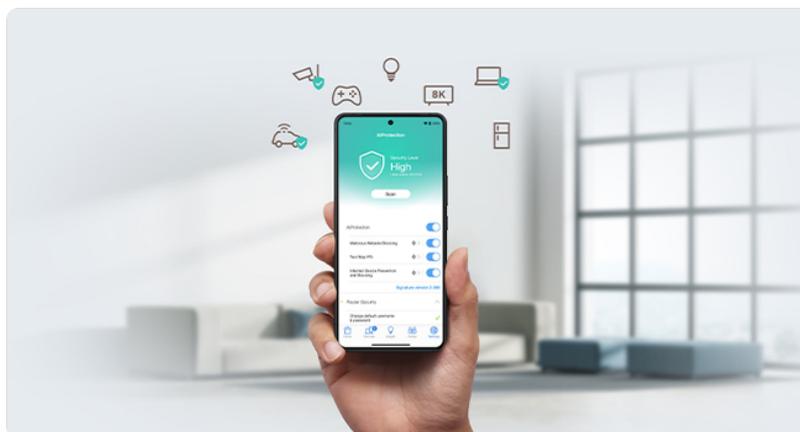


Image: Smart Home Master feature allowing creation of multiple SSIDs for different network segments.

AiProtection Pro Security

Your network is protected 24/7 with commercial-grade AiProtection Pro, offering advanced security features including:

- Malicious website blocking
- Infected device prevention and blocking
- Vulnerability protection

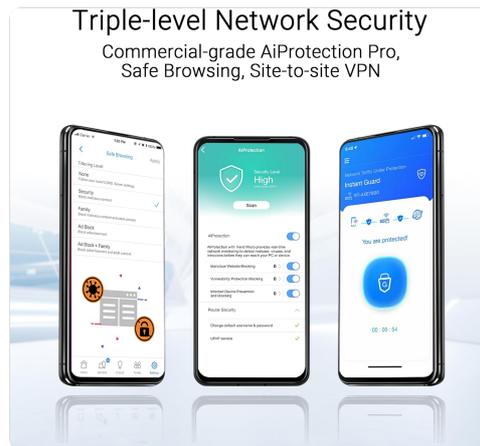


Image: The AiProtection Pro interface on the ASUS Router app, showing active security features.

Advanced Parental Controls

Manage internet access for family members with flexible parental controls, including content filtering, time scheduling, and usage statistics, all accessible via the ASUS Router app.



Image: The parental controls section within the ASUS Router app, showing options for managing family internet usage.

MAINTENANCE

To ensure the longevity and optimal performance of your ASUS ZenWiFi BD4 system, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and install firmware updates via the ASUS Router app. Updates often include performance improvements, security patches, and new features.
- **Cleaning:** Gently wipe the exterior of the units with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials. Ensure ventilation slots are clear of dust.
- **Placement:** Avoid placing units in enclosed spaces, near heat sources, or in direct sunlight to prevent overheating.
- **Restart:** Periodically restart your primary ZenWiFi unit and modem (e.g., once a month) to refresh network connections and resolve minor issues.

TROUBLESHOOTING

If you encounter issues with your ZenWiFi BD4 system, try the following solutions:

Problem	Possible Solution
No Internet Connection (Red LED)	<p>Check if the Ethernet cable is securely connected from the modem to the ZenWiFi unit's WAN/LAN port.</p> <p>Restart your modem and then the ZenWiFi unit.</p> <p>Verify your ISP service is active.</p>
Weak Wi-Fi Signal / Dead Zones	<p>Adjust the placement of your satellite ZenWiFi units to ensure optimal coverage.</p> <p>Ensure there are no major obstructions (thick walls, large metal objects) between units.</p> <p>Check for firmware updates.</p>
Devices Cannot Connect to Wi-Fi	<p>Verify you are entering the correct Wi-Fi password.</p> <p>Restart the ZenWiFi unit.</p> <p>Check if the device's Wi-Fi adapter is enabled and functioning correctly.</p>
Slow Internet Speed	<p>Ensure your internet plan supports the expected speeds.</p> <p>Minimize interference from other electronic devices.</p> <p>Perform a speed test to confirm the issue is with the Wi-Fi and not your ISP.</p> <p>Check for firmware updates.</p>

SPECIFICATIONS

Detailed technical specifications for the ASUS ZenWiFi BD4 (3-Pack) system:

Feature	Detail
Model Name	BD4 (W-3-PK)
Brand	ASUS
Product Dimensions	5.5 x 2.8 x 5.5 inches
Item Weight	1.2 pounds (per unit)
Wireless Standard	WiFi 7 (802.11be), WiFi 6 (802.11ax), WiFi 5 (802.11ac), WiFi 4 (802.11n)
Frequency Band Class	Dual-Band (2.4 GHz + 5 GHz)
Max Data Rate	Up to 3600 Mbps
Coverage	Up to 6500 sq.ft. (3-pack)
Ethernet Ports	Dual 2.5G WAN/LAN ports with auto detection
CPU	Quad-core 1.5 GHz
Antennas	Four internal antennas
Security Features	AiProtection Pro, Advanced VPNs, Smart Home Master SSIDs (IoT, Kids, VPN)
Compatible Devices	Personal Computer, Tablet, Smartphone

Feature	Detail
Connectivity Technology	Bluetooth, Wi-Fi
Date First Available	November 18, 2024
Manufacturer	ASUS

WARRANTY AND SUPPORT

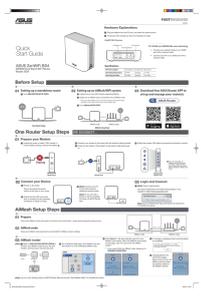
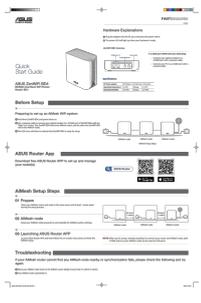
ASUS provides a comprehensive warranty for the ZenWiFi BD4 system. Please refer to the included warranty card for specific terms and conditions, including warranty duration and coverage details.

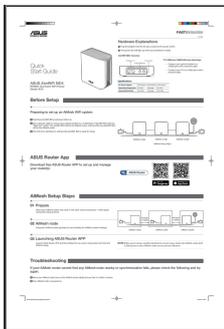
For technical support, product registration, or further assistance, please visit the official ASUS support website or contact their customer service. You can find contact information and support resources on the ASUS website or in your quick start guide.

[Visit ASUS Support Website](#)

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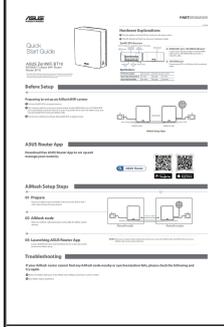
Related Documents - BD4 (W-3-PK)

	<p>ASUS ZenWiFi BD4 BE3600 Dual Band WiFi Router Quick Start Guide</p> <p>A quick start guide for setting up the ASUS ZenWiFi BD4 BE3600 Dual Band WiFi Router, covering standalone router setup, AiMesh WiFi system configuration, troubleshooting, and essential safety information.</p>
	<p>ASUS ZenWiFi BD4 BE3600 Dual Band WiFi Router Quick Start Guide</p> <p>A quick start guide for setting up the ASUS ZenWiFi BD4 BE3600 Dual Band WiFi Router, including hardware explanations, setup steps, troubleshooting, and regulatory information.</p>
<p>User Guide</p> <p>ZenWiFi BD4 BE3600 Dual-band Router</p>  	<p>ASUS ZenWiFi BD4 BE3600 Dual-band Router User Guide</p> <p>Comprehensive user guide for the ASUS ZenWiFi BD4 BE3600 Dual-band Router, covering setup, configuration, features like AiMesh, VPN, Wi-Fi, and troubleshooting. Includes safety notices and specifications.</p>



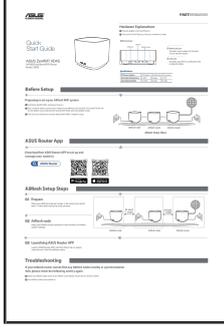
[ASUS ZenWiFi BD4 Dual Band WiFi Router Quick Start Guide](#)

A quick start guide for setting up and managing the ASUS ZenWiFi BD4 Dual Band WiFi Router using the ASUS Router App. Includes hardware explanations, setup steps, troubleshooting, and regulatory information.



[ASUS ZenWiFi BT10 BE18000 Tri Band WiFi Router Quick Start Guide](#)

This guide provides quick setup instructions, hardware explanations, AiMesh system setup steps, and troubleshooting tips for the ASUS ZenWiFi BT10 BE18000 Tri Band WiFi Router.



[ASUS ZenWiFi XD4S AX1800 Dual Band WiFi Router Quick Start Guide](#)

A comprehensive quick start guide for the ASUS ZenWiFi XD4S AX1800 Dual Band WiFi Router, covering setup, app usage, troubleshooting, hardware explanations, and important safety and compliance information.