ASUS BT10 (W-2-PK)

ASUS ZenWiFi BT10 Tri-Band WiFi 7 Mesh System User Manual

Model: BT10 (W-2-PK)

INTRODUCTION

Welcome to the ASUS ZenWiFi BT10 Tri-Band WiFi 7 Mesh System. This powerful networking solution is designed to provide seamless, high-speed internet connectivity throughout your home. Equipped with cutting-edge WiFi 7 technology, the ZenWiFi BT10 delivers a robust tri-band connection of up to 18 Gbps, covering extensive areas up to 6,000 sq.ft (2pk). It integrates AI-powered AiMesh for optimal network performance and includes features like Smart Home Master for effortless network segmentation, convenient parental controls, and dual 10G ports for ultra-high-speed wired connections, alongside 4G & 5G Mobile Tethering capabilities.

WHAT'S IN THE BOX

Your ASUS ZenWiFi BT10 Mesh System package includes the following components:

- ZenWiFi BT10 router x 2
- RJ45 cable
- Power adapter
- Warranty card
- Quick start guide

Image: The two ASUS ZenWiFi BT10 mesh routers included in the package.

S**ETUP**

Setting up your ASUS ZenWiFi BT10 system is designed to be quick and easy, typically completed in three simple steps using the ASUS Router App.

Initial Placement and Connection

1. **Unpack and Position:** Place your ZenWiFi BT10 routers in central locations within your home to maximize coverage. Ensure they are within range of each other for optimal mesh performance.

2. **Connect the Main Router:** Connect one of the ZenWiFi BT10 units to your modem using the provided RJ45 cable. Plug the power adapter into the router and an electrical outlet.

3. **Power On:** Power on both ZenWiFi BT10 units. Wait for the LED indicators to show a stable connection, typically a solid blue or white light, indicating they are ready for configuration.
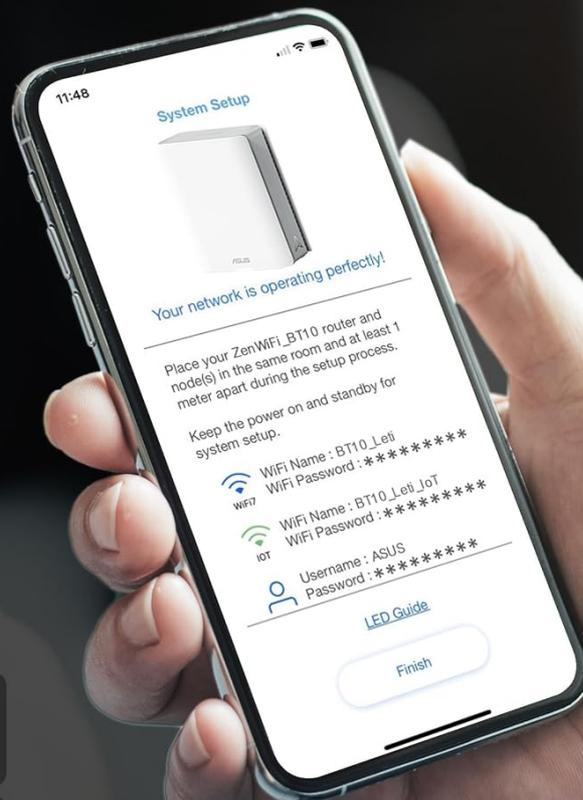
Using the ASUS Router App for Setup

The ASUS Router App simplifies the setup process and provides comprehensive network management tools.

1. **Download the App:** Download the ASUS Router App from the Google Play Store or Apple App Store on your smartphone or tablet.

2. **Launch and Follow Prompts:** Open the app and follow the on-screen instructions. The app will guide you through connecting to your new ZenWiFi network, setting up your Wi-Fi name (SSID) and password, and configuring the mesh system.

3. **AiMesh Pairing:** The app will automatically detect and pair the second ZenWiFi unit to create a seamless AiMesh network. Ensure both units are powered on and within reasonable proximity during this process.

Image: The ASUS Router App interface demonstrating the simple 3-step setup process.

OPERATING YOUR ZENWIFI BT10 SYSTEM

The ASUS ZenWiFi BT10 is engineered for optimal performance and ease of use, offering advanced features to enhance your home network experience.

Tri-Band WiFi 7 and AiMesh

The system utilizes Tri-Band WiFi 7 technology, providing dedicated bands for different types of traffic and devices, ensuring maximum speed and minimal interference. The integrated AiMesh technology creates a unified whole-home Wi-Fi network, allowing you to roam freely without signal drops. AiMesh intelligently selects the best

connection for your devices, whether wired or wireless, ensuring robust backhaul connections.

Blanket Your Whole-home with Ultimate AiMesh

Superior 6 GHz WiFi, AiMesh Extendable Network with Rich Features

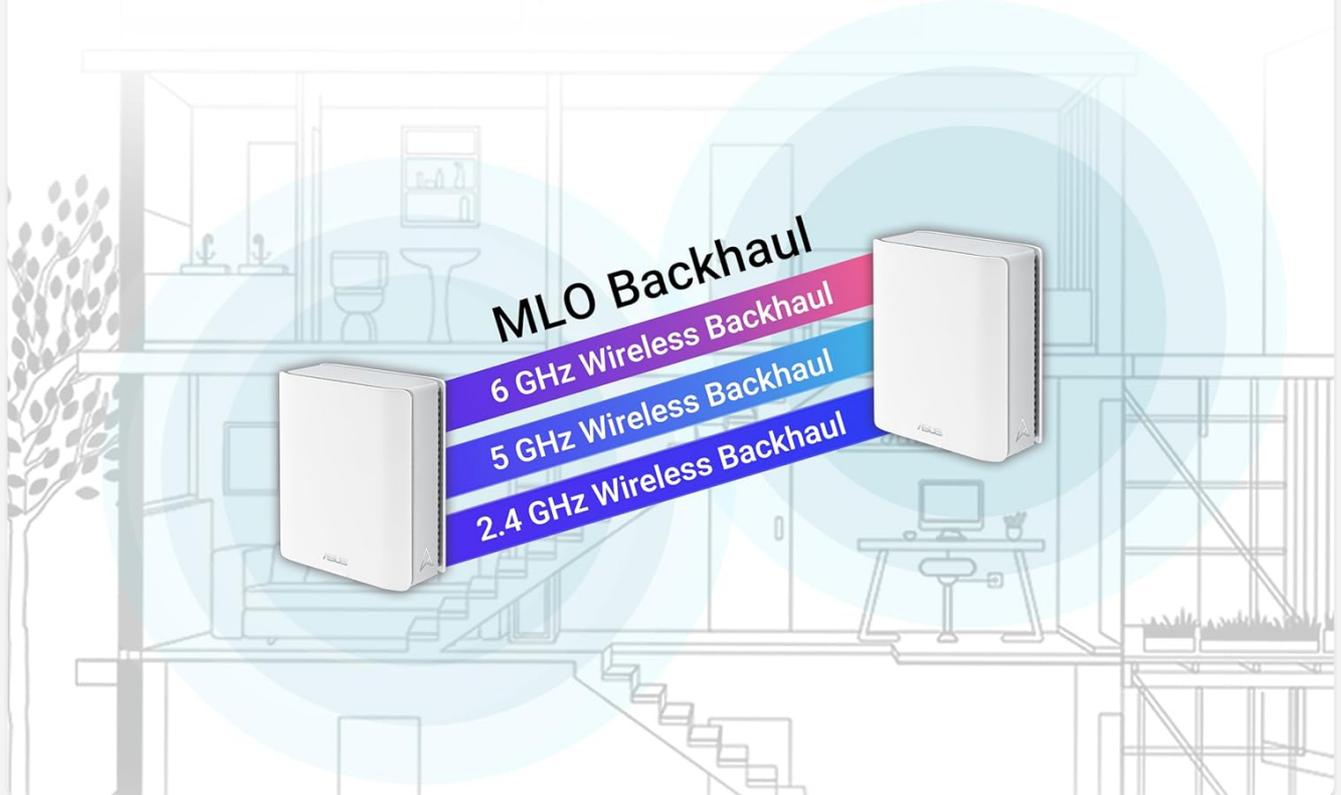A 2pk coverage up to
6,000 sq. ft.

A 1pk coverage up to
3,000 sq. ft.

MLO Backhaul

6 GHz Wireless Backhaul

5 GHz Wireless Backhaul

2.4 GHz Wireless Backhaul

Image: Visual representation of the ZenWiFi BT10's whole-home coverage and multi-band backhaul capabilities.

Advanced Connectivity: 10G Ports and Mobile Tethering

The ZenWiFi BT10 features dual 10 Gigabit Ethernet ports (one WAN/LAN, one LAN) for ultra-high-speed wired connections, ideal for gaming PCs, NAS devices, or high-bandwidth applications. It also supports Multi-WAN, allowing you to combine multiple internet sources for increased bandwidth or redundancy. Additionally, convenient 4G LTE & 5G Mobile Tethering via USB provides a flexible backup internet connection or primary access in areas without traditional broadband.
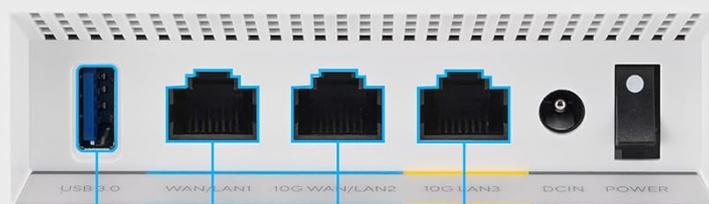
Image: Detailed view of the ZenWiFi BT10's rear ports, highlighting the 10G and USB connectivity options.

Smart Home Master and Network Security

The Smart Home Master feature allows for effortless network segmentation, enabling you to create up to three distinct SSIDs (Wi-Fi networks) for different purposes, such as an IoT Network, a Kid's Network, and a VPN Network. This enhances security and simplifies device management. The system also includes Commercial Grade Security (AiProtection Pro) with subscription-free malware blocking, safe browsing, and site-to-site VPN capabilities, ensuring your network and connected devices are protected.
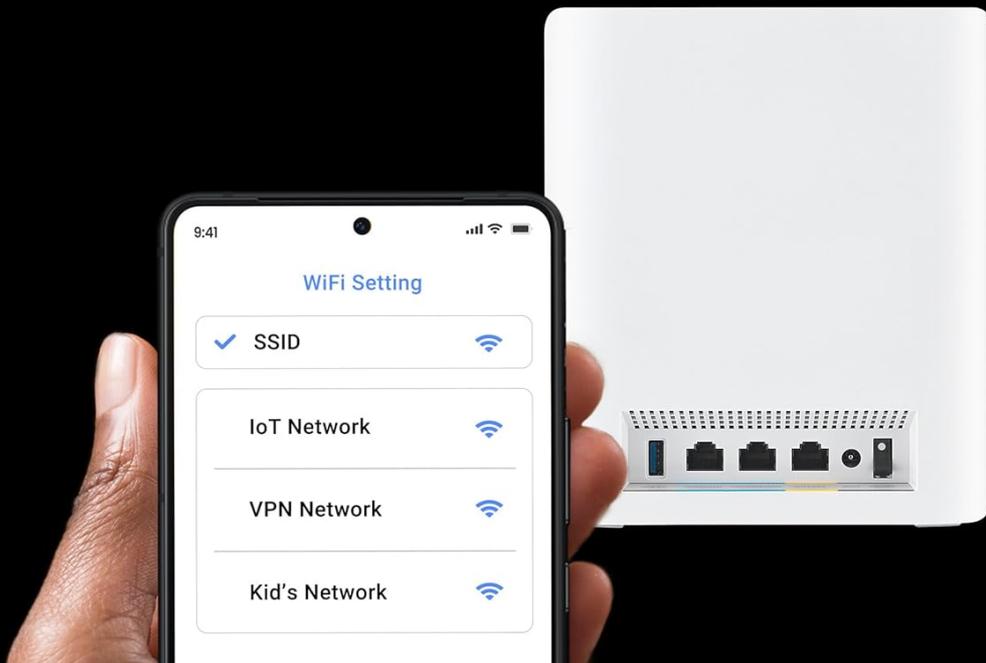
Image: Smart Home Master feature allowing creation of multiple segmented Wi-Fi networks.
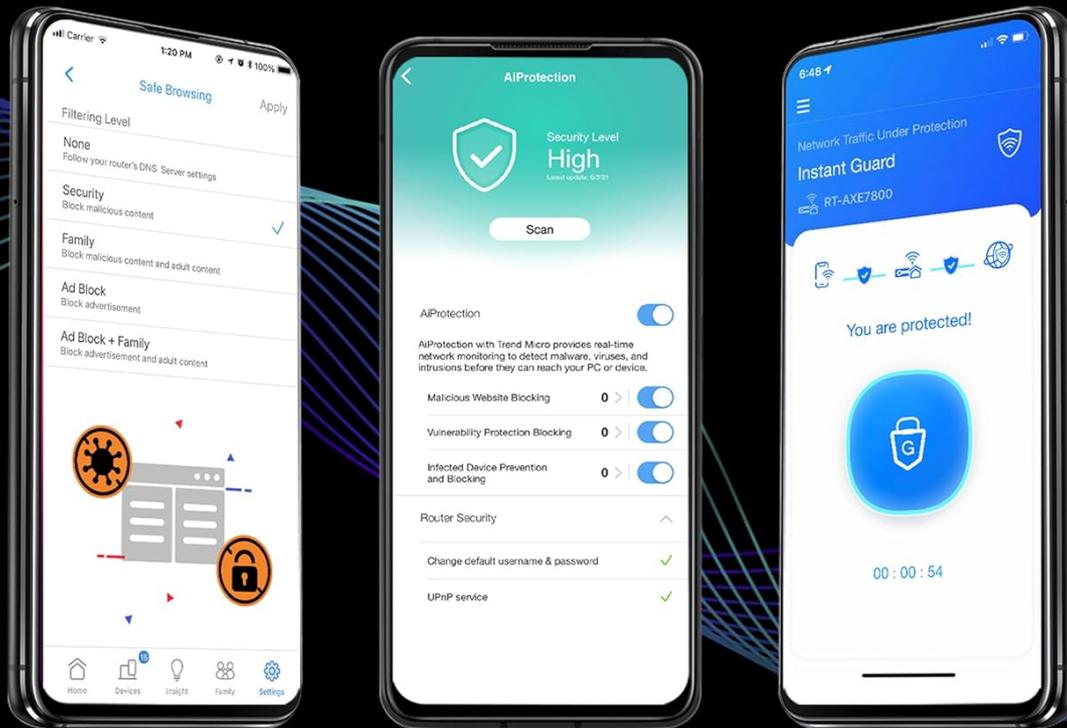
Image: Mobile app views of AiProtection Pro and Instant Guard, demonstrating network security features.

Advanced Parental Controls

Manage your family's internet usage with comprehensive parental controls. Features include an Internet Activity Dashboard, Kid-Safe Presets, Content Filtering, and Flexible Time Scheduling, allowing you to customize internet access for each family member and device.
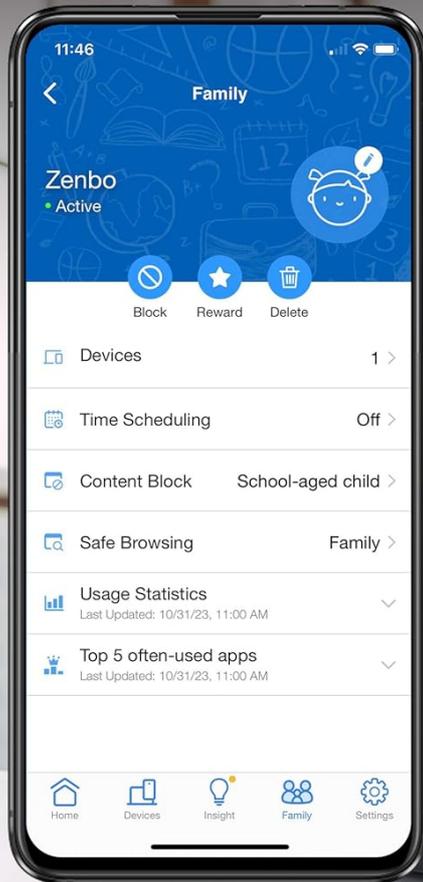
Image: The Advanced Parental Controls interface within the ASUS Router App.

MAINTENANCE

To ensure the longevity and optimal performance of your ASUS ZenWiFi BT10 system, regular maintenance is recommended.

- **Firmware Updates:** Regularly check for and install firmware updates via the ASUS Router App or web interface. Updates often include performance improvements, security patches, and new features.

- **Proper Placement:** Ensure your routers are placed in open areas, away from obstructions, large metal objects, and other electronic devices that may cause interference. Avoid placing them in enclosed spaces.

- **Cleaning:** Periodically clean the exterior of the routers with a soft, dry cloth to prevent dust buildup, which can affect heat dissipation. Do not use liquid cleaners.

- **Restarting:** Occasionally restarting your routers (power cycling) can help clear temporary issues and refresh network connections.

TROUBLESHOOTING

If you encounter issues with your ASUS ZenWiFi BT10 system, try the following common troubleshooting steps:

No Internet Connection

- **Check Cables:** Ensure all Ethernet cables are securely connected to the modem and router.

- **Restart Devices:** Power cycle your modem, then your ZenWiFi router, and finally any connected devices. Wait a few minutes between each step.

- **ISP Status:** Verify that your Internet Service Provider (ISP) is not experiencing an outage.

Weak Wi-Fi Signal or Dead Zones

- **Router Placement:** Adjust the placement of your ZenWiFi units to ensure optimal coverage. Try to place them centrally and avoid physical obstructions.

- **Interference:** Move the routers away from other electronic devices (e.g., microwaves, cordless phones) that might cause interference.

- **AiMesh Status:** Check the ASUS Router App to ensure both mesh units are properly connected and communicating within the AiMesh system.

Device Cannot Connect to Wi-Fi

- **Correct Password:** Double-check that you are entering the correct Wi-Fi password.

- **Network Visibility:** Ensure the Wi-Fi network (SSID) is not hidden.

- **Device Compatibility:** Confirm your device supports the Wi-Fi standards used by the ZenWiFi BT10 (802.11n, 802.11ax, 802.11ac, 802.11.be).

- **Firmware:** Ensure your router's firmware is up to date.

For more detailed troubleshooting and support, please visit the official ASUS support website or consult the comprehensive online manual.

SPECIFICATIONS

Key technical specifications for the ASUS ZenWiFi BT10 (W-2-PK) Mesh System:

Feature	Detail
Model Name	BT10 (W-2-PK)
Product Dimensions	7.3 x 2.8 x 6.26 inches
Item Weight	1.8 pounds
Frequency Band Class	Tri-Band
Wireless Communication Standard	802.11n, 802.11ax, 802.11ac, 802.11.be (WiFi 7)
Frequency	6 GHz
Connectivity Technology	5G, Wi-Fi, Ethernet
Special Features	AiMesh, Access Point Mode, Internet Security, Parental Control

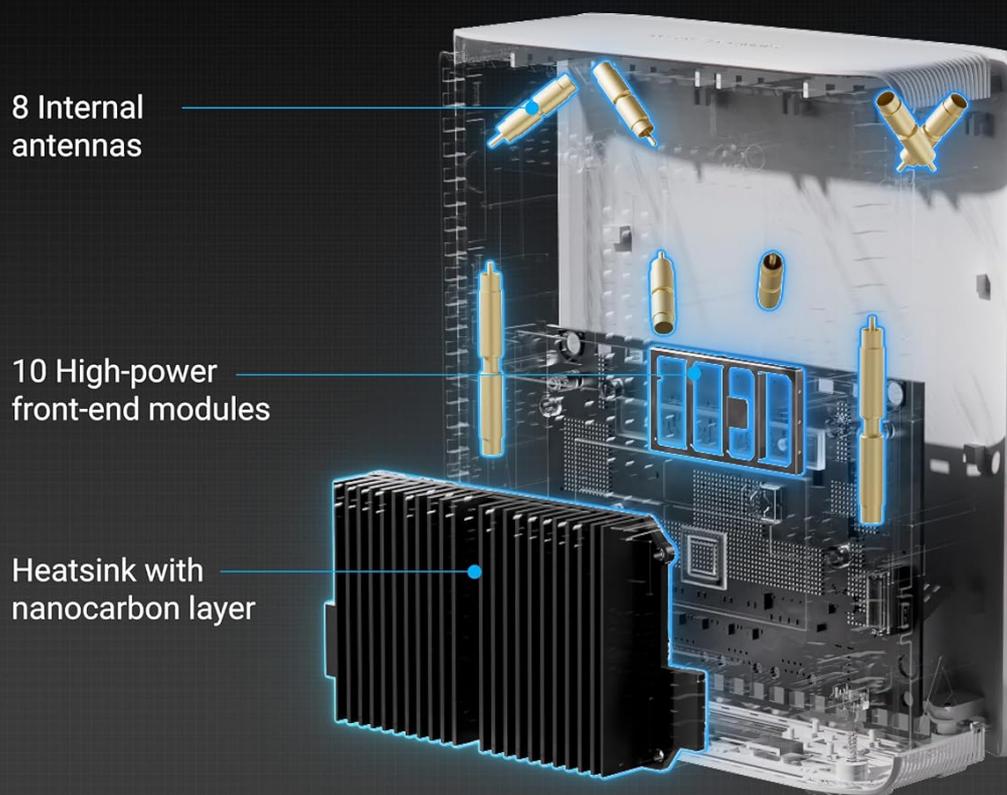|	
Recommended Uses	Home, Gaming, Business
Compatible Devices	Personal Computer, Tablet, Smart Television, Smartphone
Manufacturer	ASUS
Country of Origin	Vietnam

Image: Internal components of the ZenWiFi BT10, highlighting its advanced hardware for reliable performance.
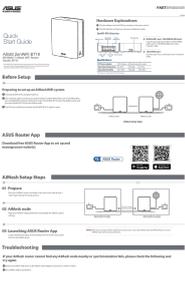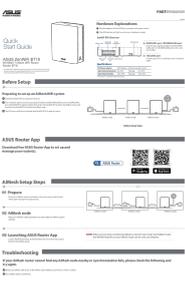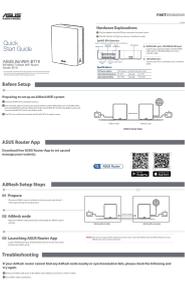
WARRANTY AND SUPPORT

ASUS provides a warranty for the ZenWiFi BT10 Mesh System. Please refer to the included warranty card for specific terms and conditions, including warranty duration and coverage details.

For technical support, product registration, and additional resources, please visit the official ASUS support website:

ASUS Official Support Website

You can also find FAQs, driver downloads, and further documentation on the support portal.

Related Documents - BT10 (W-2-PK)

	[ASUS ZenWiFi BT10 Quick Start Guide and Setup](#) Quick start guide for the ASUS ZenWiFi BT10 BE18000 Tri-Band Wi-Fi Router. Learn about hardware overview, installation steps, AiMesh setup using the ASUS Router App, placement tips, troubleshooting, and compliance information.
	[ASUS ZenWiFi BT10 BE18000 Tri Band WiFi Router Quick Start Guide](#) Concise quick start guide for the ASUS ZenWiFi BT10 BE18000 Tri Band WiFi Router, covering hardware setup, AiMesh system configuration, troubleshooting, and compliance information.
	[ASUS ZenWiFi BT10 Quick Start Guide: Setup and AiMesh Configuration](#) Concise guide to setting up the ASUS ZenWiFi BT10 BE18000 Tri Band WiFi Router, including AiMesh system configuration, 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 XT9 Tri Band WiFi Router Quick Setup Guide](#) A concise guide to setting up your ASUS ZenWiFi XT9 Tri Band WiFi Router, covering modem preparation, router activation, and mobile app installation for seamless network configuration.
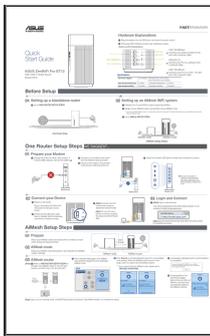
[ASUS ZenWiFi Pro ET12 AXE11000 Quick Start Guide: Setup and AiMesh Configuration](#)

Comprehensive quick start guide for the ASUS ZenWiFi Pro ET12 AXE11000 Tri Band Router. Learn how to set up a standalone router or an AiMesh WiFi system, troubleshoot common issues, and understand hardware explanations and safety notices.