ASUS XD6

ASUS ZenWiFi XD6 AX5400 Whole-Home Dual-Band Mesh WiFi 6 System

Instruction Manual

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1. Product Overview

The ASUS ZenWiFi XD6 is a whole-home dual-band mesh WiFi 6 system designed to provide fast, stable, and secure wireless networking throughout your home. This 2-pack system offers extensive coverage and high-speed performance, ideal for modern households with multiple connected devices.

Key capabilities include:

- **Banish WiFi Dead Zones:** Mesh WiFi system with unique antenna placement delivers strong WiFi to every corner of your home.
- **High Speed:** Provides a total wireless speed of 5400Mbps.
- **Easy Control:** Features 3-step setup and easy management with the ASUS Router App.
- **Lifetime Free Internet Security:** Cloud-based security powered by Trend Micro protects your privacy on connected devices.
- **Parental Controls:** URL filter and scheduling options help manage internet usage and content access.
- **AiMesh Supported:** Mix and match ZenWiFi with other AiMesh-compatible routers to create a powerful and flexible whole-home WiFi system.

2. What's in the Box

Your ASUS ZenWiFi XD6 package includes the following items:

- ZenWiFi XD6 units (2)

- RJ-45 cable
- Power adapters (2)
- Warranty card
- Quick start guide

3. Setup Guide

Setting up your ASUS ZenWiFi XD6 system is a straightforward process designed for ease of use. Follow these steps to get your mesh network up and running.

3.1 Initial Placement and Connection

1. Place your two ZenWiFi XD6 units within approximately 2 meters of each other during initial setup.
2. Connect one of the ZenWiFi units to your modem using the provided RJ-45 Ethernet cable. This unit will serve as your primary router.
3. Plug in the power adapters to both ZenWiFi units and connect them to a power outlet. Turn on both units.

3.2 Using the ASUS Router App

The ASUS Router App simplifies the setup and management of your ZenWiFi system.

1. Download the ASUS Router App from your device's app store (Google Play Store or Apple App Store).
2. Enable Bluetooth on your mobile device and open the ASUS Router App.
3. Follow the on-screen prompts to detect and connect to your ZenWiFi units. You will be guided to create a Wi-Fi network name (SSID) and password, as well as an admin account.
4. The app will optimize your network settings. This process may take a few minutes.
5. Once the setup is complete and the LED lights on your units turn solid blue, your mesh WiFi system is ready.

3.3 Setup Video Tutorial

For a visual guide on setting up your ASUS ZenWiFi system, please watch the official tutorial below:

Video: Official ASUS ZenWiFi Setup Guide. This video demonstrates the easy 3-step process to set up your mesh WiFi network using the ASUS Router App.

3.4 Physical Overview



Image: Back view of the ASUS ZenWiFi XD6 router. This image highlights the various ports available on the back of the unit, including LAN, WAN, USB, and power input.

4. Operating Instructions

Once your ASUS ZenWiFi XD6 system is set up, you can manage and optimize your network using the ASUS Router App and its various features.

4.1 ASUS Router App Interface

The ASUS Router App provides a comprehensive interface for network management:

- **Real-time Traffic:** Monitor your network's data usage in real-time.
- **Connected Devices:** View all devices connected to your network.
- **Network Name (SSID):** Manage and customize your Wi-Fi network names for different bands (2.4GHz, 5GHz).
- **System Monitor:** Check CPU and RAM usage of your routers.
- **Aura RGB:** Control the RGB lighting on your ZenWiFi units, choosing from various modes and colors.
- **Mobile Game Mode:** Optimize network performance for mobile gaming.



Image: A smartphone displaying the ASUS Router App, showing a successful 'Good Connection' message after system setup, indicating network readiness.

4.2 AiProtection and Security

The ZenWiFi XD6 includes AiProtection, offering commercial-grade network security:

- **Internet Security:** Powered by Trend Micro, it protects your connected devices from online threats.
- **Parental Controls:** Set up family profiles, manage internet access schedules, and filter inappropriate content.
- **Instant Guard VPN:** Securely access your home network from anywhere using a VPN connection.



Image: A tablet screen displaying the AiProtection interface, highlighting parental control and internet security features for comprehensive network protection.

4.3 Instant Guard VPN Tutorial

Learn how to use ASUS Instant Guard to secure your free WiFi connections wherever you are:

Video: Official ASUS Instant Guard Tutorial. This video explains how to use the Instant Guard feature to create a secure VPN connection for your mobile devices.

5. Features

The ASUS ZenWiFi XD6 system is packed with advanced features to enhance your home networking experience:

5.1 Revolutionary WiFi 6 Technology

Experience next-generation WiFi with WiFi 6 (802.11ax), offering significantly faster speeds and increased network capacity compared to previous WiFi standards.



Image: Two ASUS ZenWiFi XD6 units displayed with text highlighting 'Revolutionary WiFi 6' and its benefits: 'Up to 2.2X faster speed' and 'Up to 4X capacity'.

5.2 Whole-Home Coverage

The ZenWiFi XD6 system provides extensive coverage, eliminating dead zones and ensuring a strong, stable WiFi signal across large homes.



Image: A family enjoying seamless WiFi in various rooms of their home, demonstrating the ZenWiFi XD6's whole-home coverage of

up to 5,400 sq. ft. and 4+ rooms.

5.3 Advanced Parental Controls

Manage your family's internet usage with robust parental control features, including URL filtering and scheduling.



Image: A smartphone displaying the advanced parental controls section of the ASUS Router App, showing options for managing internet access and content for family members.

6. Specifications

Attribute	Detail
Product Dimensions	4.96 x 2.32 x 5.08 inches
Item Weight	15.4 ounces
Item Model Number	XD6 (W-2-PK)
Brand	ASUS
Model Name	XD6 (W-2-PK)
Special Feature	Internet Security, Parental Control, WPS
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11a, 802.11ac, 802.11ax, 802.11g, 802.11n
Compatible Devices	Gaming Console, Personal Computer, Smart Television, Smartphone, Tablet
Recommended Uses For Product	Business, Home

Connectivity Technology	Ethernet, Wi-Fi
Color	White

7. Troubleshooting

If you encounter issues with your ASUS ZenWiFi XD6 system, consider the following troubleshooting tips:

- **Firmware Updates:** Ensure your router's firmware is up-to-date. The ASUS Router App will often prompt you for updates.
- **Reset Button Location:** If a reset is needed, the reset and WPS buttons are located on the bottom of the router unit.
- **AX Mode Compatibility:** Some older devices may experience connectivity issues with the AX mode (WiFi 6). You may need to temporarily disable AX mode for specific bands (2.4GHz or 5GHz) in the router settings if devices fail to connect.
- **Band Splitting:** If you experience inconsistent connections, consider splitting the 2.4GHz and 5GHz networks into separate SSIDs (network names) in the ASUS Router App settings. This allows you to manually connect devices to the most suitable band.
- **Application Prioritization:** Use the ASUS Router App to prioritize specific applications (e.g., gaming, media streaming) to ensure optimal performance for critical tasks.

8. Warranty and Support

ASUS provides comprehensive support for its products. Your ZenWiFi XD6 system comes with a manufacturer's warranty.

- **Warranty Period:** Refer to the warranty card included in your product packaging for specific warranty terms and duration.
- **Technical Support:** For technical assistance, visit the official ASUS support website or contact their customer service.
- **Product Registration:** Register your product on the ASUS website to facilitate support and warranty claims.

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