

Tenda MX15 3PK

Tenda AX5400 Mesh WiFi 6 System Nova MX15 Pro User Manual

Model: MX15 3PK

Brand: Tenda

1. INTRODUCTION

The Tenda AX5400 Mesh WiFi 6 System Nova MX15 Pro is designed to provide extensive and high-speed Wi-Fi coverage throughout your home or office. Utilizing Wi-Fi 6 technology, this system offers enhanced performance, capacity, and efficiency for a seamless online experience.



Figure 1.1: Tenda AX5400 Mesh WiFi 6 System Nova MX15 Pro (3-Pack)

Key Features:

- **Ultra-Fast Mesh Wi-Fi 6 AX5400:** Powered by dual-band Wi-Fi 6 (2.4GHz: 574Mbps; 5GHz: 4804Mbps) with speeds up to 5378Mbps, offering 80% improvement over AX3000 Mesh Wi-Fi. Equipped with a 1.5GHz Tri-Core Broadcom high-performance processor for responsive, stable, and ultra-low latency distributed mesh Wi-Fi.
- **Extensive Coverage:** Features 6x 3dBi antennas and 6 signal enhancement modules, providing coverage up to 7,300 sq. ft. to eliminate Wi-Fi dead zones.
- **High Capacity & Flexibility:** Supports up to 200 devices simultaneously with MU-MIMO and OFDMA Technology, ensuring a lag-free experience.
- **Seamless Roaming:** All units work together to provide a truly seamless online experience, allowing you to move freely without losing connection.

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Video 1.1: Official Tenda AX5400 Mesh WiFi System MX15 Pro Overview. This video provides a visual introduction to the product's main features and benefits.

2. WHAT'S IN THE BOX

Upon opening your Tenda AX5400 Mesh WiFi 6 System Nova MX15 Pro package, you will find the following components:

- 3 x MX15 Pro Units
- 3 x Power Adapters
- 1 x Quick Installation Guide (QIG)
- 1 x RJ45 Gigabit Ethernet Cable



Figure 2.1: Packaging contents of the Tenda Nova MX15 Pro 3-pack, showing the three units, power adapters, and Ethernet cable.

3. SETUP GUIDE

Setting up your Tenda AX5400 Mesh WiFi 6 System is designed to be quick and easy, typically taking only minutes. You can use either the Web GUI or the Tenda Wi-Fi APP for installation.

Initial Setup Steps:

1. **Connect the Main Unit:** Select one MX15 Pro unit to be your main router. Connect the network cable from your wireless modem to the WAN port of this unit.
2. **Power On:** Plug in the power adapter to the main unit and connect it to a power outlet. Wait for the unit to boot up (the LED indicator will turn solid green).
3. **Access Setup Interface:**
 - **Using Tenda Wi-Fi APP:** Download the Tenda Wi-Fi APP from your smartphone's app store. Connect your smartphone to the default Wi-Fi network of the main unit (SSID and password are on the label at the bottom of the unit). Follow the in-app instructions to complete the setup, including setting your new Wi-Fi name and password.
 - **Using Web GUI:** Open a web browser on a computer connected to the main unit's default Wi-Fi network or via an Ethernet cable. Enter the default IP address (usually 192.168.0.1 or tendawifi.com) in the address bar. Follow the on-screen prompts to configure your internet connection and Wi-Fi settings.
4. **Add Other Nodes:** Once the main unit is configured and online, power on the remaining MX15 Pro units. They will automatically detect and connect to the main unit, forming a seamless mesh network. This process typically takes about 2 minutes per node. Ensure the node LED indicators turn solid green for successful networking.

Easy setup in minutes with the Web GUI & Tenda Wi-Fi APP

Remote control your Nova units at anytime, anywhere.



Figure 3.1: The Tenda Wi-Fi APP and Web GUI provide intuitive interfaces for quick setup and remote management of your network.

4. OPERATING YOUR MESH SYSTEM

The Tenda AX5400 Mesh WiFi 6 System offers a variety of functions to enhance your network experience and meet daily management needs.

4.1. Seamless Roaming and Band Steering

Every unit in the Tenda Nova mesh network works together to provide a truly seamless online experience. Your devices will automatically switch to the strongest Wi-Fi signal as you move around your home, ensuring uninterrupted connectivity. You can also set different SSIDs for the 2.4GHz and 5GHz bands, allowing users to select the frequency band that best suits their device's needs for optimal speed.

Wi-Fi Setting

Users can select frequency bands to obtain the fastest network speed for different devices according to the needs of different devices.



Figure 4.1: Wi-Fi settings allow for separate SSIDs for 2.4G and 5G bands, enabling users to optimize network speed for different devices.

4.2. High Capacity with MU-MIMO and OFDMA

The system leverages MU-MIMO (Multi-User, Multiple-Input, Multiple-Output) and OFDMA (Orthogonal Frequency-Division Multiple Access) technologies to efficiently handle multiple devices simultaneously. This ensures high-speed Wi-Fi 6 network performance for all your connected devices, providing a lag-free experience even with up to 200 devices.

OFDMA+MU-MIMO dual technology blessing

Multiple access to reduce network delay for multiple people at the same time.



Figure 4.2: OFDMA and MU-MIMO technologies enable multiple devices to access the network simultaneously, reducing network delay.

4.3. Remote Control and Management via Tenda Wi-Fi APP

The Tenda Wi-Fi APP provides comprehensive control over your home network from anywhere. Key management features include:

- **Parental Controls:** Monitor network status and schedule internet access for your children. Manage online time and supervise content.
- **Guest Network:** Easily set up a separate guest network with isolated access for visitors, enhancing your privacy and smart home security.
- **Monthly Reports:** Generate detailed monthly reports to understand the connection conditions of different devices and overall network usage.
- **Bandwidth Test:** Measure your network's speed in real-time to better understand its performance.
- **Special Care:** Receive notifications on your smartphone when devices go online or offline.

A variety of functions to meet daily management needs:

speed test, free monthly report, parental control, special care about device online/offline, mobile browser UI.



Figure 4.3: The Tenda Wi-Fi App offers a variety of functions for daily network management, including speed tests, monthly reports, and parental controls.

4.4. Secure Wi-Fi Mesh Network

The system uses WPA3 encryption to protect your Wi-Fi password and connected devices from unauthorized access and hacker attacks. The guest network feature further enhances security by providing an isolated network zone for visitors.

5. MAINTENANCE

Regular monitoring and occasional adjustments can help maintain optimal performance of your Tenda Mesh Wi-Fi system.

- **Firmware Updates:** Periodically check for and install firmware updates via the Tenda Wi-Fi APP or Web GUI. Updates often include performance improvements, security patches, and new features.
- **Network Monitoring:** Utilize the Tenda Wi-Fi APP's features such as bandwidth test and monthly reports

to monitor network performance and identify any potential issues.

- **Optimal Placement:** Ensure your mesh units are placed in locations that provide the best signal strength and coverage. Avoid placing them near large metal objects, thick walls, or other devices that may cause interference.
- **Restarting Units:** If you experience slow speeds or connectivity issues, try restarting the main router unit and then the satellite units.

6. TROUBLESHOOTING

If you encounter issues with your Tenda AX5400 Mesh WiFi 6 System, consider the following common troubleshooting steps:

- **No Internet Connection:**
 - Check if the Ethernet cable from your modem is securely connected to the WAN port of the main MX15 Pro unit.
 - Verify that your modem is working correctly.
 - Restart both your modem and the main MX15 Pro unit.
- **Weak Signal or Dead Zones:**
 - Relocate satellite units closer to the main unit or in a more central location within the area experiencing weak signal.
 - Ensure there are no major obstructions (e.g., thick concrete walls, large metal appliances) between the units.
- **Devices Not Connecting:**
 - Verify the Wi-Fi password entered on your device is correct.
 - Restart the problematic device.
 - Check the Tenda Wi-Fi APP to see if the device is blocked or if parental controls are active.
- **LED Indicator Status:** Refer to the Quick Installation Guide for detailed explanations of LED indicator colors and their meanings, which can help diagnose issues.

For more detailed troubleshooting, please refer to the official[Troubleshooting Guide \(PDF\)](#).

7. SPECIFICATIONS

Feature	Description
Brand	Tenda
Model Name	MX15 Pro (3-pack)

Feature	Description
Wireless Type	802.11ax (Wi-Fi 6)
Frequency Band Class	Dual-Band (2.4GHz & 5GHz)
Wireless Speed	Up to 5378Mbps (2.4GHz: 574Mbps; 5GHz: 4804Mbps)
Coverage Area	Up to 7,300 sq. ft. (with 3 units)
Antennas	6 x 3dBi Antennas
Processor	1.5GHz Tri-Core Broadcom
Ethernet Ports	3 x Gigabit Ports per unit
Technologies	MU-MIMO, OFDMA, WPA3
Max Devices Supported	Up to 200
Operating System	RouterOS
Item Weight	6.91 pounds
Package Dimensions	15.63 x 13.07 x 4.88 inches
Color	White
First Available Date	September 15, 2022

8. WARRANTY INFORMATION

The Tenda AX5400 Mesh WiFi 6 System Nova MX15 Pro is covered by a return policy allowing for refund or replacement within 30 days of purchase.

Tenda also states a commitment to customer satisfaction: *"Professional Support — Please feel free to contact us via the Amazon Message Center for any issues. A satisfactory solution is promised forever."*

For specific warranty terms and conditions, please refer to the documentation included with your product or contact Tenda customer support.

9. SUPPORT

For further assistance, technical support, or inquiries regarding your Tenda AX5400 Mesh WiFi 6 System, please use the following resources:


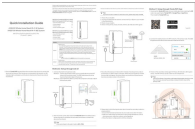



- **Amazon Message Center:** Contact Tenda directly through the Amazon Message Center for professional support.
- **Official User Guide (PDF):** Access the comprehensive user guide for detailed instructions and

information: [User Guide \(PDF\)](#)

- **Installation Manual (PDF):** For detailed installation steps, refer to the manual: [Installation Manual \(PDF\)](#)
- **Troubleshooting Guide (PDF):** For specific troubleshooting steps, consult this guide: [Troubleshooting Guide \(PDF\)](#)

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Related Documents - MX15 3PK

	<p>Tenda MX15 Pro AX5400 Mesh WiFi 6 System: High-Speed Whole Home Coverage</p> <p>Explore the Tenda MX15 Pro, an AX5400 Dual Band Gigabit Wi-Fi 6 Mesh System offering seamless, high-speed internet coverage for medium to large homes. This datasheet details its features, specifications, and performance capabilities.</p>
	<p>Tenda Nova Mesh Wi-Fi System Quick Installation Guide</p> <p>A quick installation guide for Tenda Nova Mesh Wi-Fi 6 and 6E Systems (AX5400 and AXE5700), including models MX15 Pro, EX15 Pro, MX21 Pro, and EX21 Pro. This guide covers package contents, device appearance, setup methods via Tenda WiFi App or web UI, extending the network, and troubleshooting FAQs.</p>
	<p>Tenda Nova Mesh Wi-Fi 6 System Quick Installation Guide</p> <p>A quick installation guide for the Tenda Nova AX5400 Whole Home Mesh Wi-Fi 6 System and AX5700 Whole Home Mesh Wi-Fi 6E System, including models MX15 Pro/EX15 Pro/MX21 Pro/EX21 Pro (2-pack, 3-pack). The guide covers package contents, device appearance, connecting the primary node to the internet via Tenda WiFi App or web UI, extending the network, and frequently asked questions.</p>
	<p>Tenda Whole Home Mesh Wi-Fi System User Guide</p> <p>Comprehensive user guide for Tenda's Whole Home Mesh Wi-Fi System, covering setup, management, and advanced features for both web and mobile interfaces. Learn to optimize your home network with Tenda.</p>
	<p>Tenda Nova Mesh WiFi System: Setup, Troubleshooting, and FAQ</p> <p>Comprehensive guide to setting up and troubleshooting your Tenda Nova mesh WiFi system, covering common issues, installation, and connectivity problems. Learn how to optimize your network performance.</p>



[Tenda Nova Whole Home Mesh Wi-Fi 6/6E System Quick Installation Guide](#)

Quick installation guide for the Tenda Nova Whole Home Mesh Wi-Fi 6/6E System. Learn how to set up and connect your mesh network for seamless whole-home coverage.