Linksys MX5502

Linksys Atlas Pro 6 AX5400 Mesh WiFi System (MX5502) User Manual

Model: MX5502

1. INTRODUCTION

The Linksys Atlas Pro 6 AX5400 Mesh WiFi System (MX5502) provides a powerful and reliable dual-band WiFi 6 network for your home. Utilizing Intelligent Mesh Technology, this system extends high-speed internet coverage across large areas, supporting numerous devices simultaneously. This manual provides essential information for setting up, operating, and maintaining your Linksys Atlas Pro 6 system.

The Linksys Atlas Pro 6 MX5502 system includes two white, rectangular mesh WiFi routers designed for whole-home coverage.

2. WHAT'S IN THE BOX

Your Linksys Atlas Pro 6 AX5400 Mesh WiFi System package should contain the following items:

- Linksys MX5502 Mesh WiFi Router Units (2-pack)
- Power Adapters (2)
- Ethernet Cable
- Quick Installation Guide
- Warranty Documentation

3. SETUP INSTRUCTIONS

Setting up your Linksys Atlas Pro 6 system is designed to be straightforward using the Linksys App. Follow these steps for a quick and easy installation:

1. **Download the Linksys App:** Search for 'Linksys' in your mobile device's app store (Apple App Store or Google Play Store) and download the official Linksys App.

2. **Prepare Your Modem:** Disconnect your existing modem/router from power. If you have a modem/router combo, ensure its WiFi functionality is disabled or set to bridge mode if possible.

3. **Connect the Primary Node:**
   - Connect one end of the included Ethernet cable to the Internet port (usually yellow) on one of your Linksys MX5502 units.
   - Connect the other end of the Ethernet cable to your modem's Ethernet port.
   - Connect the power adapter to the Linksys MX5502 unit and plug it into a power outlet. Wait for the light on top of the unit to turn solid blue, indicating it's ready for setup.

4. **Launch the Linksys App:** Open the Linksys App on your mobile device and follow the on-screen instructions to create a Linksys account or log in. The app will guide you through connecting to your new WiFi network and configuring your system.

5. **Add Additional Nodes (if applicable):** If you have multiple MX5502 units, the app will prompt you to add additional nodes to expand your mesh network coverage. Place these nodes strategically to ensure optimal signal strength throughout your home.

It's **simple**

| Internet | Broadband Modem/Gateway | Node | High-speed WiFi |
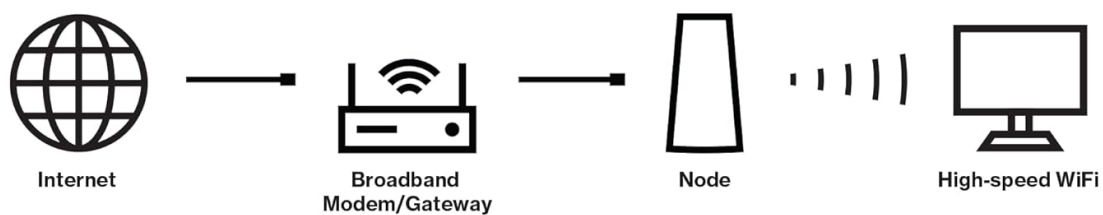
All Linksys Intelligent Mesh devices are compatible with each other.

This diagram shows the basic connection flow: Internet to Broadband Modem/Gateway, then to a Linksys Mesh Node, providing High-speed WiFi.

The Linksys App protects your WiFi and family with features like Auto Firmware Updates, Guest Access, Parental Controls, and 2-step Verification for added security.

Parental Controls
Create device schedules and block certain websites.

Device Prioritization
Prioritize streaming devices to prevent buffering.

Guest Access
Generate a separate, password-protected WiFi network.

My Home WiFi
● ONLINE

12 DEVICES   3 NODES

Internet Speed
3 days ago   128 ● 63 ●

Last Five Connections

Easy setup

Managing your home WiFi with the Linksys App is fast and easy.

1. Download   **2. Connect**   **3. Enjoy**

A visual guide to the Linksys App, showing features like Parental Controls, Device Prioritization, and Guest Access, along with a simple 3-step setup process.

4. OPERATING INSTRUCTIONS

Once your Linksys Atlas Pro 6 system is set up, you can manage and optimize your network using the Linksys App.

4.1. Intelligent Mesh Technology

The Linksys Intelligent Mesh Technology dynamically maximizes speed and extends coverage, eliminating dead zones. Your nodes work together to create a single, seamless WiFi network, allowing your devices to automatically connect to the strongest signal as you move around your home.
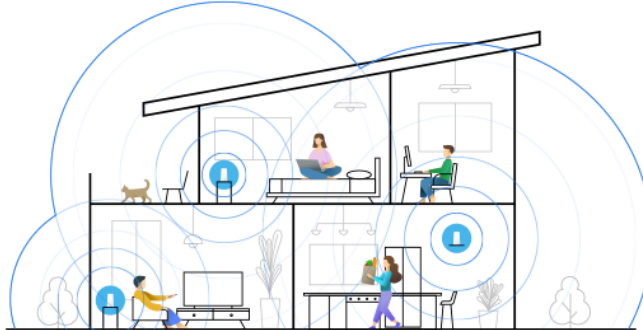
This graphic demonstrates how Linksys Intelligent Mesh extends WiFi coverage throughout an entire house, ensuring a reliable connection in every room.

4.2. WiFi 6 Benefits

The Atlas Pro 6 leverages WiFi 6 (802.11ax) technology to provide:

- **Faster Speeds:** Up to 5.4 Gbps with access to 160 MHz channels for uninterrupted connectivity.
- **Increased Capacity:** Supports 60+ devices and offers up to 4x more WiFi capacity compared to WiFi 5.
- **Reduced Latency:** Ideal for streaming, gaming, and video calls.
- **Wider Coverage:** Blankets up to 5,400 sq ft, eliminating the need for WiFi extenders.

This image highlights key features of the Linksys MX5502 system, such as speeds up to 5.4 Gbps, coverage up to 5,400 sq. ft., and connectivity for up to 60 devices.

4.3. Linksys App Features

The Linksys App provides comprehensive control over your network:

- **Parental Controls:** Create device schedules and block specific websites to manage internet access for family members.
- **Device Prioritization:** Prioritize bandwidth for specific devices or activities (e.g., gaming console, streaming device) to prevent buffering.
- **Guest Access:** Easily create a separate, password-protected WiFi network for guests, keeping your main network secure.
- **Network Monitoring:** View connected devices, check internet speed, and manage network settings from anywhere.

5. MAINTENANCE

To ensure optimal performance and security of your Linksys Atlas Pro 6 system, consider the following maintenance practices:

- **Automatic Firmware Updates:** The system is designed to receive automatic firmware updates, ensuring you always have the latest features and security enhancements. Ensure your system is connected to the internet for these updates to occur.
- **Optimal Placement:** Place your mesh nodes in open areas, away from large metal objects, concrete walls, and other electronic devices that may cause interference. Avoid placing them in enclosed cabinets.
- **Regular Reboots:** Occasionally restarting your modem and Linksys nodes can help resolve minor connectivity issues and refresh network performance.
- **Cleanliness:** Keep the units clean and free from dust buildup, which can affect ventilation and performance.

6. TROUBLESHOOTING

If you encounter issues with your Linksys Atlas Pro 6 system, try the following troubleshooting steps:

- **No Internet Connection:**
  - Check if your modem is working correctly.
  - Ensure all Ethernet cables are securely connected.
  - Reboot your modem and then your Linksys primary node.

- **Weak WiFi Signal or Dead Zones:**
  - Adjust the placement of your additional mesh nodes to ensure they are within optimal range of each other and the primary node.
  - Ensure there are no major obstructions (e.g., thick walls, large appliances) between nodes.

- **Slow Speeds:**
  - Use the Linksys App to check for any device prioritization settings that might be limiting bandwidth for certain devices.
  - Ensure your internet service provider (ISP) is delivering the expected speeds to your modem.
  - Temporarily disconnect some devices to see if network congestion is the issue.

- **Cannot Connect to Linksys App:**
  - Ensure your mobile device is connected to the Linksys WiFi network.
  - Try force-closing and reopening the app.
  - Verify your Linksys account credentials.

For further assistance, refer to the Linksys support website or contact their technical support.

7. SPECIFICATIONS

Feature	Specification
Model Number	MX5502-AMZ
Wireless Type	802.11ax (WiFi 6)
Frequency Band Class	Dual-Band

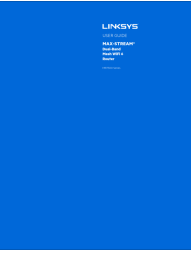|	
Speeds	Up to 5.4 Gbps
Coverage	Up to 5,400 sq. ft. (with 2 nodes)
Device Capacity	Connects 60+ devices
Dimensions (LxWxH)	3.39 x 3.39 x 7.28 inches
Item Weight	3.01 pounds
Operating System	RouterOS
Special Features	Guest Mode, WPS, Intelligent Mesh Technology
Compatible Devices	Alexa Devices, Apple Homekit, iPhone, Personal Computer, Xbox

8. WARRANTY AND SUPPORT

Linksys stands by the quality of its products. The Linksys Atlas Pro 6 AX5400 Mesh WiFi System (MX5502) is backed by an Amazon exclusive **3.5-year warranty**.

For technical assistance, product inquiries, or warranty claims, Linksys offers **24/7 technical support**. You can find more information and contact details on the official Linksys support website:

Visit Linksys Support

Related Documents - MX5502

[Linksys Atlas Pro 6 AX5400 Mesh WiFi 6 System - Whole Home Coverage](#)
Discover the Linksys Atlas Pro 6 AX5400, a powerful dual-band WiFi 6 Mesh system for seamless whole-home internet. Featuring Velop Intelligent Mesh technology, it delivers high speeds, supports over 90 devices, and offers easy setup and management via the Linksys app. Ideal for homes with 4-5+ bedrooms.

[Linksys Atlas Pro 6 Dual-Band WiFi 6 Mesh System - AX5400](#)
Explore the Linksys Atlas Pro 6, a dual-band WiFi 6 mesh system offering speeds up to 5.4 Gbps. Learn about its features, setup, and specifications for seamless whole-home coverage.

[Linksys E9450 Dual-Band WiFi 6 Router User Guide](#)
User guide for the Linksys E9450 Dual-Band WiFi 6 Router, covering product overview, setup basics, advanced configuration, wireless security, troubleshooting, and specifications.

	[Linksys MR5500 Dual-Band Mesh WiFi 6 Router: Regulatory Information and Safety Notices](#) Official regulatory information, safety notices, and compliance declarations for the Linksys MR5500 Dual-Band Mesh WiFi 6 Router, including FCC, ISED Canada, EU, and WEEE compliance.
	[Linksys MAX-STREAM® Dual-Band Mesh WiFi 6 Router MR7300 Series User Guide](#) Explore the Linksys MAX-STREAM® Dual-Band Mesh WiFi 6 Router (MR7300 Series) with this comprehensive user guide. Learn setup, configuration, and management for a seamless, high-performance home Wi-Fi experience.
	[Linksys AX3200 E8450 WiFi 6 Router User Guide](#) User guide for the Linksys AX3200 E8450 Dual-Band Gigabit WiFi 6 Router. Learn about setup, configuration, wireless security, troubleshooting, and specifications.