



[Manuals.plus](#) /

› [Linksys](#) /

› Linksys Atlas WiFi 6 Router Home WiFi Mesh System User Manual

Linksys MX20MS3-AMZ

Linksys Atlas WiFi 6 Router Home WiFi Mesh System User Manual

Model: MX20MS3-AMZ

This manual provides essential information for setting up, operating, and maintaining your Linksys Atlas WiFi 6 Mesh System.

1. INTRODUCTION TO YOUR LINKSYS ATLAS SYSTEM

The Linksys Atlas WiFi 6 Mesh System is designed to provide reliable, high-speed wireless connectivity throughout your home. This dual-band AX3000 mesh system utilizes advanced WiFi 6 technology to deliver speeds up to 3.0 Gbps, covering up to 6,000 square feet and supporting over 75 devices simultaneously. Its Intelligent Mesh Technology ensures a seamless and stable connection, eliminating dead zones and optimizing performance for all your connected devices.



Image: Three Linksys Atlas 6 mesh WiFi nodes, showcasing the compact and modern design of the system's components.

Linksys MX20MS3

Tri-Band Mesh WiFi 6 System
(AX3000, 3 nodes)



Speeds up
to 3.0 Gbps



Coverage up to
6,000 sq. ft.



Connect up to
75 devices



Available in
1, 2 and 3 pack



Mix with other
Linksys Intelligent
Mesh products



Image: An infographic highlighting key features of the Linksys MX20MS3 system, such as speeds up to 3.0 Gbps, coverage up to 6,000 sq. ft., support for up to 75+ devices, availability in 1, 2, and 3 packs, and compatibility with other Linksys Intelligent Mesh products.

2. SETUP GUIDE

2.1 What's in the Box

Before you begin, ensure all components are present:

- Linksys MX20MS3 Node(s)
- Power Adapter(s)
- Ethernet Cable
- Quick Installation Guide (this document)
- Warranty Documentation

2.2 Initial Placement

For optimal performance, place your primary Linksys Atlas node near your internet service provider's (ISP) modem. Subsequent nodes should be placed strategically throughout your home to extend coverage, avoiding major obstructions like thick walls or large metal objects. Ensure each node is within range of another node or the primary node for a strong mesh connection.

2.3 Step-by-Step Installation

1. **Download the Linksys App:** Search for "Linksys" in your mobile device's app store (iOS or Android) and download the official Linksys App.
2. **Connect the Primary Node:** Connect one of your Linksys Atlas nodes to your ISP-provided modem using the included Ethernet cable. Plug the power adapter into the node and an electrical outlet. Wait for the node's LED indicator to turn solid blue, indicating it's ready for setup.
3. **Follow In-App Instructions:** Open the Linksys App on your mobile device. The app will guide you through the process of setting up your primary node, including creating your Wi-Fi network name (SSID) and password.
4. **Add Additional Nodes:** Once the primary node is configured, the app will prompt you to add additional nodes. Place them in desired locations and power them on. The app will automatically detect and integrate them into your mesh network, extending your Wi-Fi coverage.



**Link up with
Linksys support**

Our experts are here to help 24/7.

Easy setup

1

Download

Download the Linksys App on any iOS or Android smartphone.

2

Connect

Connect the node to your ISP-provided modem, plug it in and switch it on.

3

Enjoy

Open the app and follow the on-screen instructions.

Image: A smartphone screen displaying the Linksys App interface, illustrating the simple three-step setup process: Download, Connect, and Enjoy. This image emphasizes the user-friendly nature of the app-guided installation.

3. OPERATING YOUR LINKSYS ATLAS WiFi 6 SYSTEM

3.1 Managing Your Network with the Linksys App

The Linksys App provides comprehensive control over your mesh Wi-Fi network. Key features include:

- **Parental Controls:** Create device schedules, block specific websites, and manage internet access for family members.
- **Device Prioritization:** Prioritize bandwidth for specific devices (e.g., gaming consoles, streaming devices) to ensure optimal performance for critical activities.
- **Guest Access:** Easily set up a separate, secure Wi-Fi network for guests, keeping your main network private.
- **Network Monitoring:** View connected devices, check internet speed, and monitor network activity in real-time.

3.2 Understanding Network Performance

Your Linksys Atlas system leverages WiFi 6 (802.11ax) technology, offering significant improvements over previous Wi-Fi standards. This includes:

- **Increased Capacity:** Supports up to 4x more devices than WiFi 5, ideal for smart homes with numerous connected gadgets.
- **Faster Speeds:** Utilizes 160 MHz channels for more powerful and stable connections, delivering higher throughput.
- **Reduced Latency:** Improves responsiveness for online gaming and video conferencing.
- **Broader Coverage:** Intelligent Mesh Technology extends seamless Wi-Fi across large areas, minimizing dead zones.

Make the most of WiFi 6 speed

Access to extended bandwidth enables the true power of WiFi 6 technology, delivering a high-speed connection to multiple devices simultaneously.



Image: Two individuals engaged in gaming and streaming, illustrating the benefits of high-speed WiFi 6 for entertainment and connectivity.



Supports all devices, all the time

With up to 4x more capacity than WiFi 5, you can enjoy nearly unlimited bandwidth across all your devices. WiFi 6 handles it all.

Image: A family on a couch, each using a different device (laptop, tablet, smartphone), demonstrating the system's ability to support multiple devices simultaneously with consistent performance.

4. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your Linksys Atlas WiFi 6 Mesh System, follow these maintenance guidelines:

- **Placement:** Ensure your nodes are placed in well-ventilated areas, away from direct sunlight, heat sources, and moisture. Avoid placing them in enclosed spaces that could restrict airflow.
- **Cleaning:** Gently wipe the exterior of the nodes with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Regularly check for and install firmware updates through the Linksys App. These updates often include performance improvements, security enhancements, and new features.
- **Periodic Restart:** If you experience minor connectivity issues, try restarting your modem and all Linksys Atlas nodes by unplugging them from power for 10-15 seconds, then plugging them back in.

5. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues you might encounter with your Linksys Atlas WiFi 6 Mesh System.

| Problem | Possible Solution |
|---------------------------------|--|
| No Internet Connection | Verify your ISP modem is working correctly. Check all Ethernet cables are securely connected. Ensure the primary Linksys Atlas node's LED is solid blue. If not, restart the node and modem. |
| Slow Wi-Fi Speeds | Reposition nodes for better signal strength and coverage. Reduce the number of active devices or prioritize critical devices using the Linksys App. Perform a speed test to confirm your ISP's internet speed. |
| Wi-Fi Dead Zones | Add additional Linksys Atlas nodes to expand your mesh network coverage. Adjust the placement of existing nodes to ensure overlapping coverage. |
| Linksys App Connectivity Issues | Ensure your mobile device is connected to the Linksys Wi-Fi network. Close and reopen the Linksys App. Restart your mobile device. |

6. TECHNICAL SPECIFICATIONS

| Feature | Detail |
|----------------------|--------------------------------------|
| Model Number | MX20MS3-AMZ |
| Brand | Linksys |
| Product Dimensions | 3.38 x 3.38 x 7.28 inches (per node) |
| Item Weight | 4.4 pounds (total for 3-pack) |
| Wireless Standard | 802.11ax (WiFi 6) |
| Frequency Band Class | Dual-Band (2.4 GHz and 5 GHz) |
| Frequency | 160 MHz channels |
| Max Speed | Up to 3.0 Gbps (AX3000) |
| Coverage | Up to 6,000 sq. ft. (3-pack) |

| Feature | Detail |
|-------------------------|---|
| Device Support | 75+ devices |
| Special Features | Guest Mode, WPS, Intelligent Mesh Technology |
| Compatible Devices | Alexa Devices, Apple Homekit, iPhone, Personal Computer, Xbox |
| Connectivity Technology | Bluetooth, Wi-Fi |

7. WARRANTY AND CUSTOMER SUPPORT

Your Linksys Atlas WiFi 6 Mesh System is backed by a comprehensive **3.5-year Amazon exclusive warranty**, ensuring peace of mind and reliable performance.

For any technical assistance, setup guidance, or troubleshooting beyond this manual, Linksys offers **24/7 technical support**. You can access support resources and contact information through the Linksys App or by visiting the official Linksys support website. Please have your model number (MX20MS3-AMZ) and purchase details ready when contacting support.

For the most up-to-date support information, please visit the [Linksys Official Support Website](#).