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Linksys MXEC621-AMZ

Linksys Velop Pro 6E WiFi Mesh System User Manual

Model: MXEC621-AMZ

1. Introduction and Overview

The Linksys Velop Pro 6E WiFi Mesh System is designed to provide a robust and seamless wireless network experience throughout your home or office. Utilizing WiFi 6E technology and a Tri-Band configuration, this system delivers high-speed connectivity and extensive coverage. The Cognitive Mesh technology intelligently optimizes your network for superior performance across multiple devices.





A single Linksys Velop Pro 6E WiFi Mesh System node, shown in white, featuring a sleek, vertical design with the Linksys logo on top.



An image showcasing the Linksys Velop Pro 6E node alongside text highlighting its simple, seamless, and secure operation for streaming, work, and play.

2. What's in the Box

Upon unpacking your Linksys Velop Pro 6E WiFi Mesh System, please verify that all the following components are included:

- Linksys Velop Pro 6E Node(s)
- Power Adapter(s)
- Ethernet Cable
- Quick Installation Guide
- Warranty Documentation

3. Setup Instructions

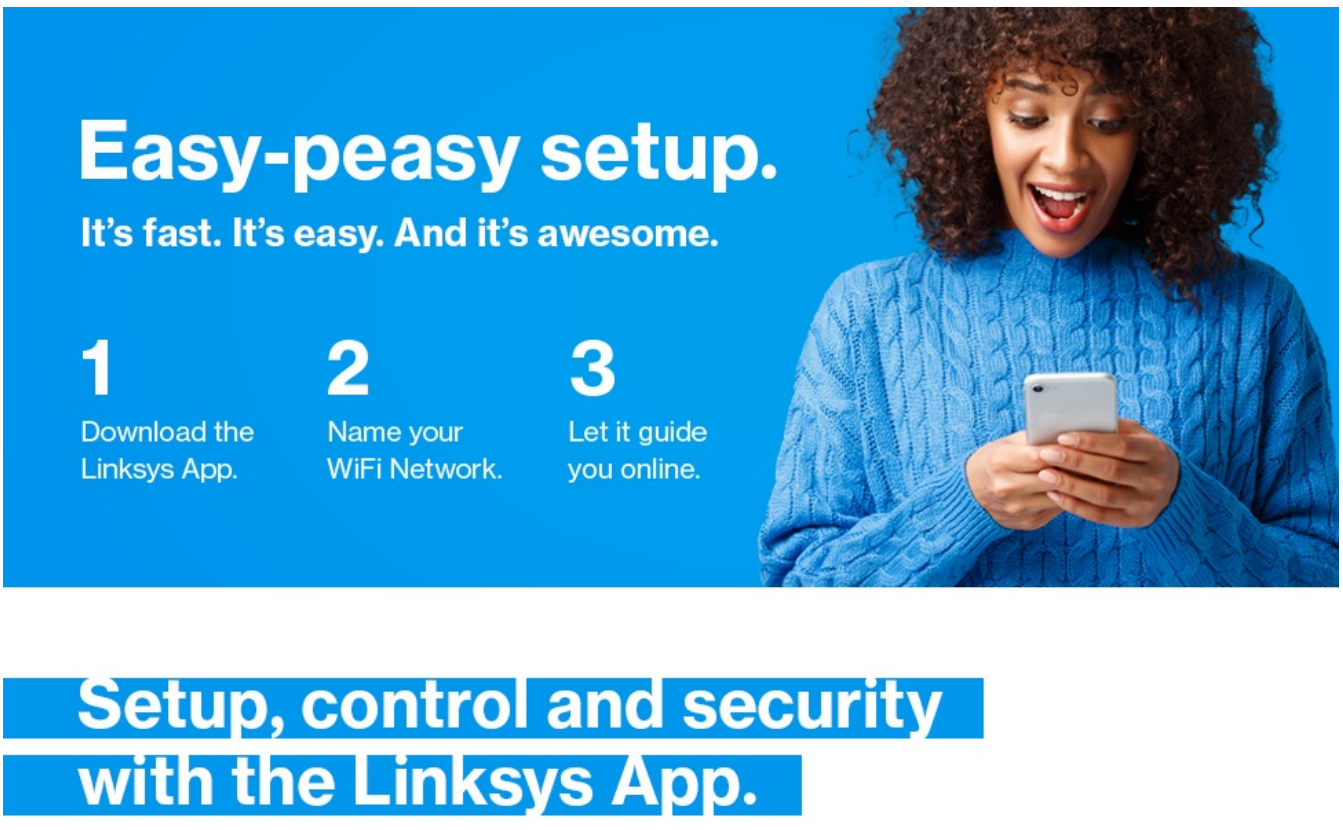
Follow these steps to set up your Linksys Velop Pro 6E WiFi Mesh System:

1. **Download the Linksys App:** Search for the 'Linksys App' on your mobile device's app store (Apple App Store or Google Play Store) and download it.
2. **Connect the Primary Node:** Plug in your primary Velop Pro 6E node to a power outlet. Connect one end of the provided Ethernet cable to the WAN port on the Velop node and the other end to your modem.
3. **Launch the App and Follow Prompts:** Open the Linksys App on your mobile device. The app will guide you through the initial setup process, including creating a Linksys account (if you don't have one), naming your WiFi network, and setting a password.
4. **Add Additional Nodes (if applicable):** If you have multiple Velop nodes, the app will prompt you to add them to your mesh network. Place them strategically to ensure optimal coverage.

5. **Connect Your Devices:** Once the setup is complete, connect your wireless devices to your new Linksys WiFi network using the network name (SSID) and password you created.



A visual guide to the easy setup process using the Linksys App, showing three steps: download the app, name your WiFi network, and follow online guidance.



An image illustrating the Linksys App's capabilities for setup, control, and security, including features like no website/app tracking, no selling personal info, and opt-in for cookies/texts/emails.

4. Operating Instructions

The Linksys Velop Pro 6E system is designed for intuitive operation. Once set up, it continuously optimizes your network for the best performance.

4.1. Connecting Devices

To connect a new device, simply select your WiFi network name (SSID) from the device's WiFi settings and enter your network password. The system supports a wide range of devices including smartphones, tablets, personal computers, and gaming consoles.

4.2. Using the Linksys App

The Linksys App serves as your central control panel for the mesh system. Through the app, you can:

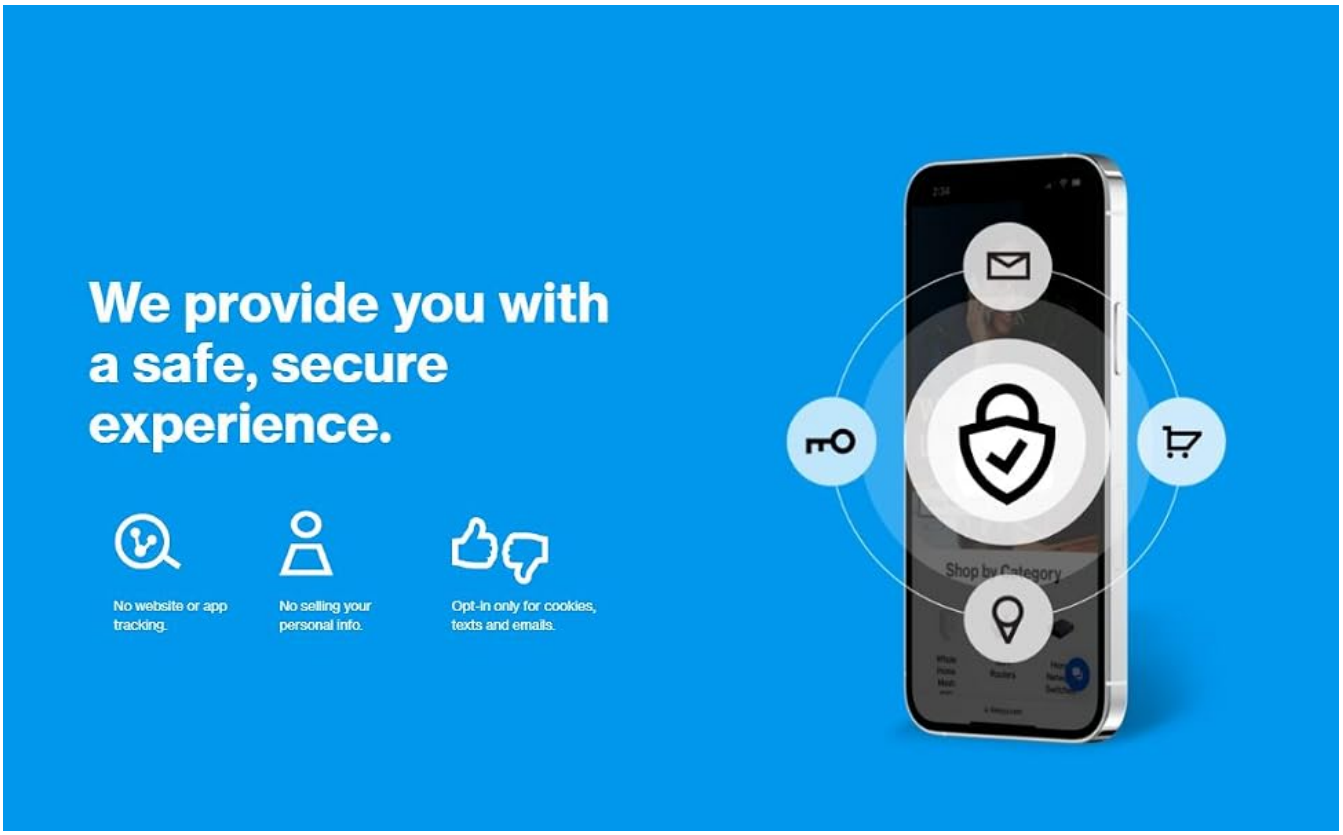
- Monitor network status and connected devices.
- Manage guest access.
- Prioritize devices for specific activities (QoS - Quality of Service).
- Perform parental controls.
- Access advanced network settings.



An illustration detailing the benefits of the Linksys Velop Pro 6E mesh WiFi, including speeds up to 5.4 Gbps, coverage for 1-3 bedrooms, connectivity for up to 200 devices, and availability in 1, 2, or 3 packs.

4.3. Cognitive Mesh Technology

The Cognitive Mesh technology automatically adapts and optimizes your network to provide a seamless and superior WiFi experience. It intelligently manages traffic and node connections to ensure stable and fast connectivity for all your devices, even during peak usage.



An image explaining Linksys Cognitive Mesh technology, emphasizing improved setup, smarter everyday network monitoring, and application-optimized performance for streaming, gaming, and video conferencing.

5. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your Linksys Velop Pro 6E system.

5.1. Firmware Updates

The Linksys App will notify you of available firmware updates. It is recommended to install these updates to benefit from the latest features, security enhancements, and performance improvements. Firmware updates are typically performed automatically or with a simple tap in the app.

5.2. Cleaning

Gently wipe the exterior of the Velop nodes with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials, as these can damage the device. Ensure ventilation openings are clear of dust and obstructions.

5.3. Optimal Placement

For best performance, ensure your Velop nodes are placed in open areas, away from large metal objects, thick walls, and other electronic devices that may cause interference. Maintain a clear line of sight between nodes where possible.

6. Troubleshooting

If you encounter issues with your Linksys Velop Pro 6E system, consider the following troubleshooting steps:

- **No Internet Connection:**
  - Check if your modem is working correctly.
  - Ensure all cables are securely connected to the Velop primary node and modem.

- Restart your modem and then your Velop primary node.

- **Slow Speeds:**
  - Verify your internet service provider's speed.
  - Check the placement of your Velop nodes for optimal signal strength.
  - Use the Linksys App to identify and prioritize devices that require higher bandwidth.
- **Device Not Connecting:**
  - Ensure you are entering the correct WiFi password.
  - Restart the device you are trying to connect.
  - Check the Linksys App for any device blocking or parental control settings.
- **Node Disconnection:**
  - Relocate the disconnected node closer to another working node.
  - Ensure the node has a stable power supply.
  - Restart the disconnected node.

For more detailed troubleshooting or persistent issues, refer to the Linksys App's diagnostic tools or the official Linksys support website.

7. Specifications

Feature	Detail
Product Dimensions	3.7 x 3.7 x 7.41 inches
Item Weight	5.28 pounds
Item Model Number	MXEC621-AMZ
Brand	Linksys
Model Name	Linksys Velop Pro 6E
Special Feature	QoS, WPS
Frequency Band Class	Tri-Band
Wireless Communication Standard	802.11ax (WiFi 6E)
Compatible Devices	Gaming Console, Personal Computer, Smartphone, Tablet
Recommended Uses	Business, Gaming, Home
Connectivity Technology	Bluetooth, Wi-Fi
Color	White

8. Warranty and Support

Your Linksys Velop Pro 6E WiFi Mesh System comes with a manufacturer's warranty. Please refer to the 'Warranty Documentation' included in your product packaging for specific terms, conditions, and duration of coverage.
For technical assistance, product inquiries, or warranty claims, please visit the official Linksys support website or

contact Linksys customer service. Contact information can typically be found on the Linksys website or within the Linksys App.

Linksys Official Website: www.linksys.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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