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## Linksys WHW0301

# Linksys WHW0301 Velop AC2200 Tri-Band Mesh WiFi System User Manual

*Model: WHW0301*

## 1. Introduction

The Linksys Velop WHW0301 is an AC2200 Tri-Band Mesh WiFi System designed to provide seamless, full-speed internet coverage throughout your home. This system utilizes intelligent mesh technology to create a unified network, eliminating dead zones and ensuring reliable connectivity for multiple devices. Velop nodes work in harmony to extend Wi-Fi range and maintain optimal performance across your entire living space.




*Image: A hand placing a Linksys Velop node next to a traditional router, illustrating how the Velop system replaces existing routers for improved coverage.*

## 2. What's in the Box

Please ensure all the following components are included in your package:

- Linksys Velop Node(s)
- Ethernet Cable
- Power Adapter(s)
- Quick Start Guide
- Printed Documentation

## 3. Setup Guide

Setting up your Linksys Velop system is designed to be straightforward using the Linksys App. Follow these general

steps:

1. **Download the Linksys App:** Search for "Linksys" in your mobile device's app store (iOS or Android) and download the official application.
2. **Prepare Your Modem:** Disconnect your existing router (if any) and connect one Velop node to your internet modem using the provided Ethernet cable. Plug in the power adapter to the Velop node and an electrical outlet.
3. **Follow In-App Instructions:** Open the Linksys App and follow the on-screen prompts to set up your first Velop node. This typically involves creating a Linksys account, naming your Wi-Fi network, and setting a password.
4. **Add Additional Nodes (if applicable):** If you have multiple Velop nodes, the app will guide you through adding them to your mesh network. Place additional nodes strategically to ensure optimal coverage throughout your home.
5. **Connect Devices:** Once setup is complete, connect your Wi-Fi devices to your new Velop network using the Wi-Fi name and password you created.

▶ **Watch video online**

Linksys Velop: How to setup

*Video: Official Linksys guide on how to set up your Velop system. This video demonstrates the step-by-step process using the Linksys mobile application.*

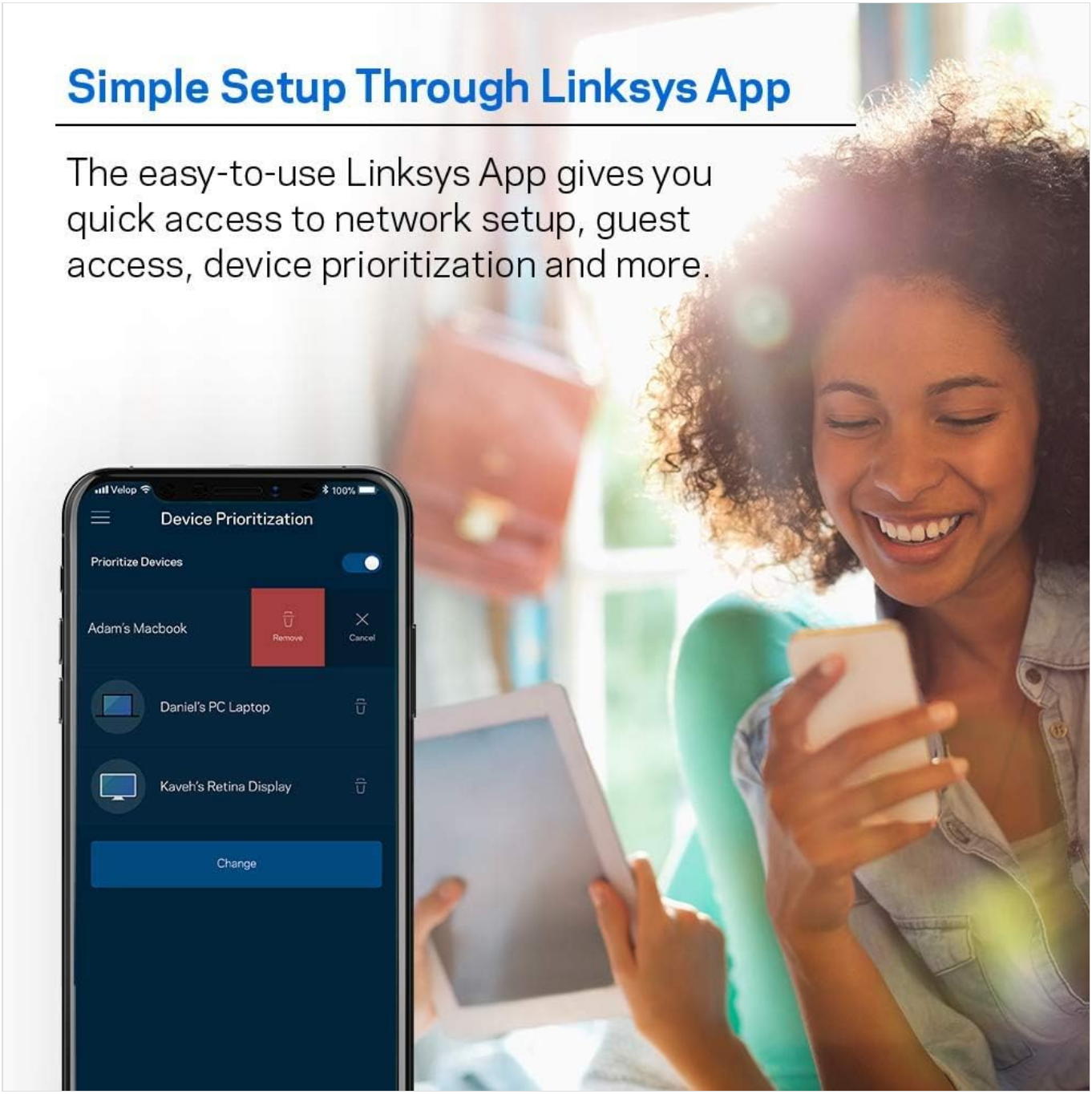



*Image: A user smiling while interacting with the Linksys App on a smartphone, demonstrating the ease of network setup and management.*

## 4. Operating Your Velop System

The Linksys Velop system is managed primarily through the Linksys App, offering a range of features to optimize your home network.

### 4.1. Key Features via Linksys App

- **Network Status:** Monitor your network's health and connected devices in real-time.
- **Guest Access:** Easily create a separate, secure Wi-Fi network for guests.
- **Parental Controls:** Manage internet access for specific devices, set schedules, and block inappropriate content.
- **Device Prioritization:** Prioritize bandwidth for devices that need it most, such as for streaming 4K video or online gaming.
- **Auto-Fix:** The app can help diagnose and resolve common Wi-Fi interruptions automatically.

- **Wi-Fi with Alexa:** Connect your Velop system with Amazon Alexa for voice control over certain network functions.

▶ **Watch video online**
Linksys Velop: How to Connect to your Wi-Fi with Alexa

*Video: Learn how to connect your Linksys Velop Wi-Fi with Amazon Alexa for convenient voice commands.*

### 4.2. Intelligent Mesh Technology

Velop's intelligent mesh technology continuously monitors your network to find the fastest path to the internet for all your devices. This ensures optimal performance and seamless roaming as you move around your home.

▶ **Watch video online**
Linksys Velop: True Whole Home Wi-Fi

*Video: An overview of Linksys Velop's true whole-home Wi-Fi capabilities, highlighting seamless coverage and performance.*




*Image: An illustration showing a Velop node providing seamless, full-strength Wi-Fi coverage across an entire home, eliminating dead zones.*




*Image: A Velop node on a shelf with diagrams illustrating how adding more nodes can extend Wi-Fi coverage to various home sizes and layouts, from single-story to multi-story residences.*




*Image: A family enjoying high-bandwidth activities like gaming and streaming, showcasing the Velop system's ability to provide full-strength Wi-Fi for all devices.*

## 5. Maintenance

To ensure your Linksys Velop system continues to provide optimal performance, consider the following maintenance tips:

- **Keep Firmware Updated:** The Linksys App will notify you of available firmware updates. Install these to ensure your system has the latest features, security patches, and performance improvements.
- **Optimal Placement:** Ensure your Velop nodes are placed in open areas, away from large metal objects, thick walls, and other devices that may cause interference (e.g., microwaves, cordless phones).
- **Regular Reboots:** Occasionally restarting your modem and Velop nodes can help clear network caches and resolve minor connectivity issues.
- **Clean Nodes:** Keep your Velop nodes free from dust accumulation, especially around ventilation areas, to prevent overheating.

## 6. Troubleshooting

If you encounter issues with your Linksys Velop system, try these common troubleshooting steps:

- **No Internet Connection:**
  - Check if your modem is working correctly.
  - Ensure all Ethernet cables are securely connected.
  - Restart your modem and all Velop nodes.
- **Slow Wi-Fi Speeds:**
  - Check for interference from other electronic devices.
  - Ensure Velop nodes are optimally placed and not too far apart.
  - Use the Linksys App to check for network congestion or prioritize devices.
- **Device Cannot Connect to Wi-Fi:**
  - Verify you are using the correct Wi-Fi password.
  - Restart the device you are trying to connect.
  - Check if parental controls are blocking the device.
- **Velop Node Light Status:** Refer to the Quick Start Guide or Linksys support for specific LED indicator meanings (e.g., solid blue for good connection, solid red for no internet).

For more detailed troubleshooting, consult the Linksys support website or the comprehensive user manual available for download.

## 7. Specifications

| Feature | Detail |
|---|---|
| Model Name | WHW0301 |
| Frequency Band Class | Tri-Band |
| Wireless Communication Standard | 802.11b/n/ac (WiFi 5), 2.4 GHz, 5 GHz |
| Data Transfer Rate | AC2200 (2200 Mbps) |
| Connectivity Technology | Wireless |
| Number of Ports | 2 Gigabit Ethernet ports per node |
| Security Protocol | WPA2 Personal |
| Control Method | Linksys App |
| Coverage | Up to 2,000 sq. ft. per node (expandable) |
| Dimensions (L x W x H) | 3.1"L x 3.1"W x 7.3"H |
| Item Weight | 1.1 pounds |

## 8. Warranty and Support

### 8.1. Warranty Information

The Linksys WHW0301 Velop system comes with a**3.5-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For full terms and conditions, refer to the documentation included with your product or visit the official Linksys website.

### 8.2. Customer Support

For further assistance, technical support, or to access the latest drivers and firmware, please visit the officiaLinksys Support Website. You can also find additional resources, FAQs, and community forums there.


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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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