

## Cudy M1300

# Cudy M1300 AC1200 Gigabit Whole Home Mesh WiFi System Instruction Manual

Model: M1300

Brand: Cudy

## 1. INTRODUCTION

The Cudy M1300 AC1200 Gigabit Whole Home Mesh WiFi System is designed to eliminate Wi-Fi dead zones and provide seamless, high-speed internet coverage throughout your home or office. This advanced system delivers reliable dual-band Wi-Fi speeds and supports a large number of connected devices, ensuring smooth streaming, gaming, and browsing.

# Work and Play Securely



*Image: Cudy M1300 Mesh WiFi System units, highlighting dead zone elimination.*

## 2. WHAT'S IN THE BOX

Verify that all components are present in your Cudy M1300 package:

- M1300 Mesh Units (2-Pack)
- Power Adapters
- Ethernet Cable



*Image: The Cudy M1300 2-Pack Mesh WiFi System, as seen in its packaging.*

## Unboxing Video

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*Video: An unboxing and introduction to the Cudy M1300 Mesh WiFi System, demonstrating the contents and initial appearance of the product.*

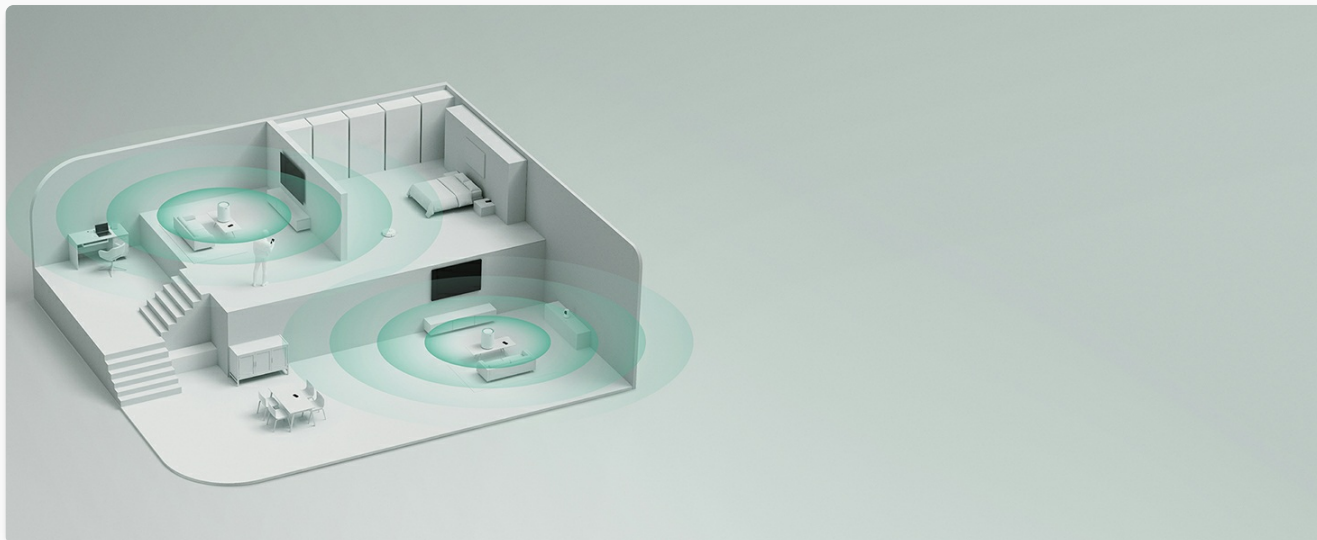
## 3. PRODUCT OVERVIEW

The Cudy M1300 units feature a sleek, cylindrical design. Each unit is equipped with essential ports for connectivity and indicators for status monitoring.

## Ports and Indicators

Each M1300 unit includes:

- **2 Gigabit Ethernet Ports:** For high-speed wired connections. One port typically serves as WAN/LAN, and the other as LAN.
- **Power Port:** For connecting the power adapter.
- **LED Indicator:** Displays the status of the mesh unit (e.g., solid blue for connected, pulsing blue for setup mode, red for no internet).



*Image: Rear view of a Cudy M1300 unit, detailing the Gigabit LAN/WAN ports and power input.*

## 4. SETUP GUIDE

Follow these steps to set up your Cudy M1300 Mesh WiFi System:

1. **Prepare Your Modem:** Disconnect the power from your existing modem/router. If you have an old router, disconnect it.
2. **Connect the Main Mesh Unit:** Connect one of the M1300 units to your modem using the provided Ethernet cable. Plug one end into any Ethernet port on the M1300 unit and the other end into your modem's LAN port.
3. **Power On:** Plug in the power adapter to the main M1300 unit and then plug your modem back into power. Wait for both devices to fully boot up. The LED on the M1300 unit should pulse blue, indicating it's ready for setup.
4. **Download the Cudy App:** Download the Cudy app from your smartphone's app store (iOS or Android).
5. **Follow In-App Instructions:** Open the Cudy app and follow the on-screen instructions to configure your new mesh network. You will create a new Wi-Fi network name (SSID) and password.
6. **Add Additional Units:** Once the first unit is set up, place the other M1300 unit(s) in desired locations within your home. Plug them into power. The app will guide you through adding these units to your existing mesh network. They will automatically connect and extend your Wi-Fi coverage.

# Seamless WiFi throughout The Home



*Image: Seamless Wi-Fi coverage throughout the home with a Cudy mesh unit.*

## 5. OPERATING YOUR MESH SYSTEM

The Cudy M1300 system is designed for optimal performance and ease of use.

### Seamless Roaming

The mesh technology ensures seamless roaming, meaning your devices automatically switch to the strongest Wi-Fi signal as you move around your home, without interruptions or drops in connection.

### Dual-Band AC1200 Wi-Fi



The system operates on dual bands (2.4GHz and 5GHz) with AC1200 speeds (up to 300 Mbps on 2.4GHz and 867 Mbps on 5GHz), providing fast and stable connections for all your devices.



*Image: Visual representation of the dual-band AC1200 Wi-Fi speeds.*

## Extensive Coverage and Device Capacity

The 2-pack M1300 system can cover up to 3200 square feet and connect up to 100 devices, making it suitable for large homes and numerous smart devices.

# Connect Up to 100 Devices



x3

High-speed  
Downloading



x5

4K  
Streaming



x15

IP Camera  
Streaming



x20

720P  
Streaming



x25

Smart Home  
Devices



x30

Web  
Browsing



*Image: Scalable whole-home coverage options for the Cudy M1300 system.*

# Whole Home Mesh, Dead Zone Killer



*Image: The Cudy M1300 system supporting up to 100 devices simultaneously.*

## 6. ADVANCED FEATURES

The Cudy M1300 offers several advanced features for enhanced security and network management.

### VPN Security

Utilize built-in VPN protocols such as OpenVPN, WireGuard, PPTP, L2TP, and ZeroTier to establish secure and reliable connections, protecting your network traffic.



## DNS Encryption

Enhance your online privacy and security with DNS encryption over Cloudflare or NextDNS.

## Parental Controls and QoS

Manage internet access for family members with parental controls, including URL blacklisting and time scheduling. Quality of Service (QoS) allows you to prioritize network traffic for specific applications or devices.

# Say Goodbye to Dead Spots and Buffering

Cudy seamlessly connects your entire home with reliable WiFi. Finally, you can stream, surf, and game from anywhere.



*Image: Overview of advanced security and privacy features, including VPN and DNS encryption.*



Image: Parental control features for managing network access.

## 7. TROUBLESHOOTING

If you encounter issues with your Cudy M1300 Mesh WiFi System, try the following steps:

- **Check LED Indicators:** Refer to the LED status on your M1300 units. A solid blue light typically indicates a healthy connection, while other colors or patterns may signal an issue. Consult the Cudy app for detailed explanations of LED statuses.
- **Verify Connections:** Ensure all Ethernet cables are securely plugged into the correct ports on both your modem and the M1300 units.
- **Power Cycle:** Disconnect the power from your modem and all M1300 units. Wait for 30 seconds, then reconnect power to your modem first, followed by the main M1300 unit, and then any additional units. Allow each device to fully boot up.
- **Relocate Units:** If you experience weak signals in certain areas, try repositioning your mesh units closer to each other or to the center of your coverage area. Avoid placing units near large metal objects or appliances that may cause interference.
- **Cudy App Diagnostics:** Use the Cudy app's diagnostic tools to identify and resolve common network problems.

## 8. SPECIFICATIONS

Feature	Detail
Product Dimensions	19.69 x 19.69 x 11.02 inches
Item Weight	2.42 pounds
Item Model Number	M1300
Brand	Cudy
Model Name	M1300 2-Pack
Special Features	Access Point Mode, Beamforming, Parental Control, QoS, Remote Access



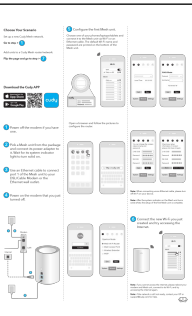
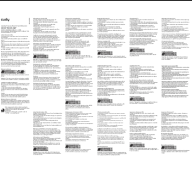
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11ac
Compatible Devices	Personal Computer, Security Camera, Smart Television, Smartphone, Tablet
Recommended Uses	Business, Home, Indoor
Connectivity Technology	Ethernet
Antenna Type	Internal



## 9. SUPPORT AND WARRANTY

For technical support, warranty information, or further assistance with your Cudy M1300 Mesh WiFi System, please refer to the official Cudy website or contact Cudy customer support directly. Details regarding product warranty and service terms are typically provided with your purchase or available online.

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### Related Documents - M1300

	<a href="#">Cudy RE1200 WiFi Extender Quick Installation Guide</a> A quick installation guide for the Cudy RE1200 WiFi Extender, covering setup via WPS button and web browser, LED indicators, and troubleshooting FAQs.
	<a href="#">Cudy RE 1200 AC1200 Dual Band Range Extender - Enhance Wi-Fi Coverage</a> Discover the Cudy RE 1200, an AC1200 Dual Band Range Extender. This datasheet outlines its features, specifications, and dual functionality as a Wi-Fi Extender or Access Point to eliminate dead zones and improve network performance.
	<a href="#">Cudy Mesh Wi-Fi System Quick Installation Guide</a> Step-by-step instructions to set up your Cudy Mesh Wi-Fi network, connect units, and configure settings for optimal internet coverage.
	<a href="#">Cudy LT500 Safety and RF Exposure Information</a> This document provides essential safety guidelines and radio frequency (RF) exposure information for the Cudy LT500 WiFi Mesh Router. It covers safe operating practices, warnings, and compliance with EU regulations regarding electromagnetic field exposure.

	<p><a href="#">Cudy AC1200 WiFi -laajennin: Käyttöohjeet ja Konfigurointi</a></p> <p>Ohjeet Cudy AC1200 Dual Band WiFi -laajentimen asentamiseen ja konfigurointiin. Opi yhdistämään laite verkkoosi ja parantamaan WiFi-kattavuutta.</p>
	<p><a href="#">Cudy RE1800 WiFi 6 Extender Quick Installation Guide</a></p> <p>Get your Cudy RE1800 WiFi 6 Extender up and running quickly with this comprehensive installation guide. Learn step-by-step instructions for WPS and web browser setup, understand LED indicators, and find answers to common troubleshooting questions.</p>