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Cudy LT400

Cudy 4G LTE N300 WLAN Router LT400 User Manual

Model: LT400

1. INTRODUCTION

The Cudy LT400 4G LTE N300 WLAN Router is designed to provide high-speed internet access using 4G LTE technology, combined with reliable Wi-Fi connectivity. This router is ideal for homes and small offices, offering flexible connectivity options and advanced features like VPN client and Dynamic DNS.

Key features include:

- Blazing-fast 4G LTE speeds (up to 150 Mbps download, 50 Mbps upload).
- N300 Wi-Fi at 2.4 GHz (up to 300 Mbps).
- Pre-installed PPTP/L2TP VPN client for secure connections.
- Dynamic DNS (DDNS) for remote management.
- Flexible WAN/LAN ports for dual connectivity.
- Easy plug-and-play setup with SIM card.

2. SETUP GUIDE

Setting up your Cudy LT400 router is a straightforward process. Follow these steps to get your device connected to the internet.

2.1 Package Contents

Before you begin, ensure all items are present in the package:

- Cudy LT400 4G LTE N300 WLAN Router
- Power Adapter
- Ethernet Cable
- Quick Installation Guide

2.2 Hardware Installation

1. **Insert SIM Card:** Locate the Nano SIM card slot on the back of the router. Gently insert your Nano SIM card until it clicks into place. Ensure the SIM card is correctly oriented as indicated by the diagram near the slot.

Plug and Play



1. Insert SIM Card



2. Power the device



3. Enjoy Internet



Image Description: This image illustrates the simple three-step process for setting up the Cudy LT400 router: inserting the SIM card, powering on the device, and then enjoying internet access. It emphasizes the 'Plug and Play' nature of the router.

2. **Connect Power Adapter:** Connect the provided power adapter to the router's power port and then plug it into a standard electrical outlet. The router will power on automatically.
3. **Connect Antennas:** Ensure all four external antennas are securely screwed into their respective connectors on the router. Adjust them vertically for optimal signal reception.
4. **Optional: Connect to a Computer (Wired):** For initial configuration or stable connection, connect one end of the Ethernet cable to any of the LAN ports (LAN1-LAN3) on the router and the other end to your computer's Ethernet port.

2.3 Initial Configuration (Web Interface)

Once the hardware is connected, you can access the router's web management page for configuration.

1. **Access Web Interface:** Open a web browser (e.g., Chrome, Firefox) on a device connected to the router (either via Ethernet or Wi-Fi). In the address bar, type 192.168.10.1 and press Enter.
2. **Login:** The default login credentials are usually admin for both username and password. Refer to the label on the bottom of your router for exact default credentials.
3. **PIN Entry:** If your SIM card has a PIN, you will be prompted to enter it on the web configuration page. Enter the PIN to unlock the SIM card.
4. **APN Configuration (if necessary):** For some new internet service providers, you may need to manually configure the Access Point Name (APN) settings. Navigate to the network settings section in the web interface and enter the correct APN details provided by your mobile operator.
5. **Change Default Password:** For security reasons, it is highly recommended to change the default login password for the web interface immediately after your first login.

3. OPERATING THE ROUTER

The Cudy LT400 offers various functionalities to manage your network and internet connection.

3.1 Wi-Fi Connectivity

The router provides N300 Wi-Fi at 2.4 GHz. The default Wi-Fi name (SSID) and password are printed on a label on the bottom of the router. You can change these settings via the web interface under the Wi-Fi settings section.

Fast Wi-Fi for Work and Entertainment

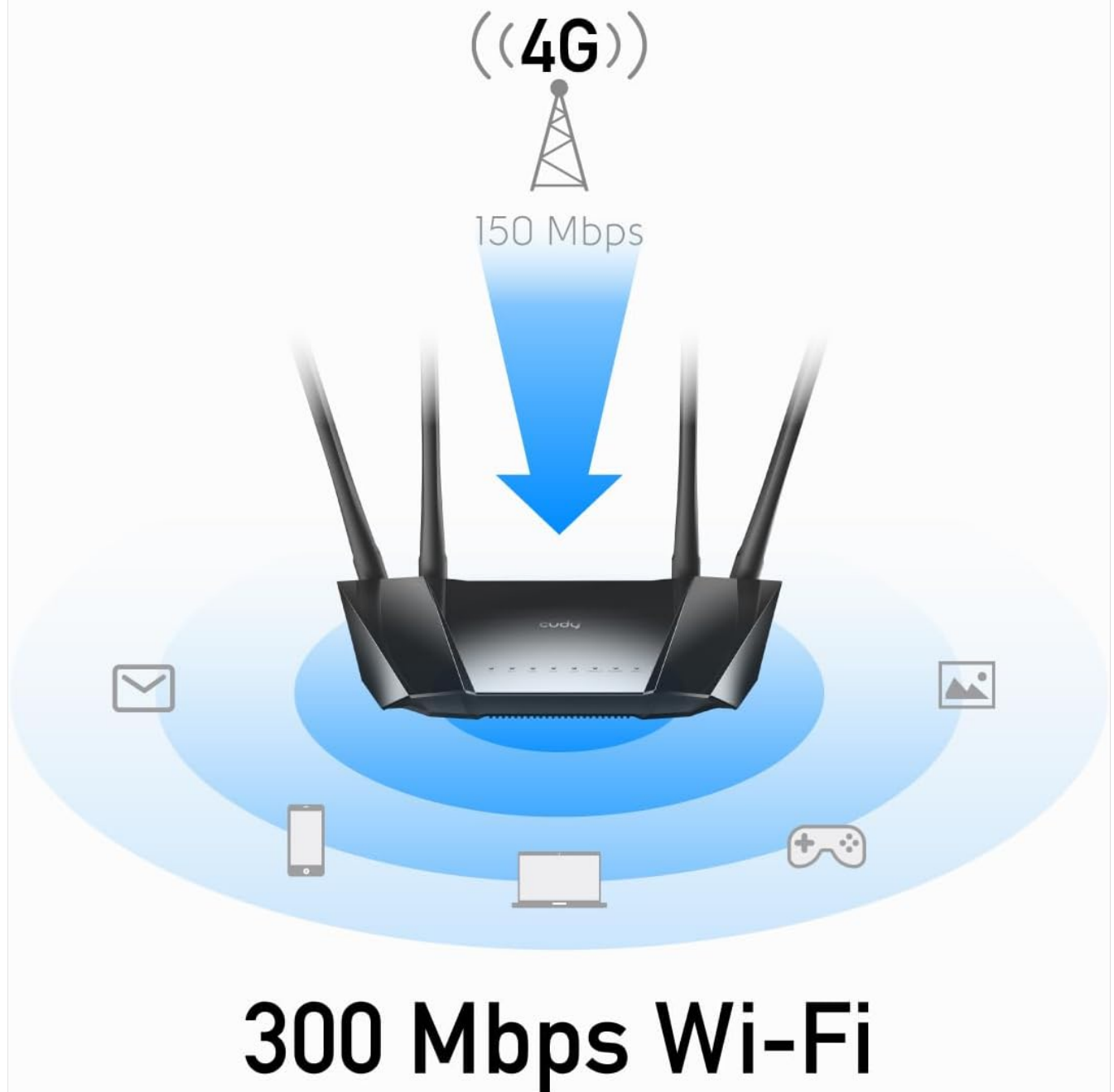


Image Description: This image highlights the router's dual capabilities: providing fast 4G LTE internet at up to 150 Mbps download speeds and 300 Mbps Wi-Fi at 2.4 GHz for various connected devices like laptops, smartphones, and gaming consoles.

3.2 Connecting Multiple Devices

The Cudy LT400 can connect up to 32 devices simultaneously, including mobile phones, laptops, tablets, smart speakers, IP cameras, smart TVs, and more.

Connects up to 32 Devices

32 Devices



Image Description: This image visually represents the router's capacity to connect up to 32 devices, showcasing a diverse range of compatible gadgets and the convenience of shared internet access for multiple users.

3.3 WAN/LAN Port Functionality

The router features flexible WAN/LAN ports. The WAN/LAN port can be configured as either a WAN port (for connecting to a wired internet source like a modem) or a LAN port (for connecting wired devices to the router's network). This allows for dual connectivity, prioritizing wired internet to save mobile data costs.

WAN Failover Available for Improved Redundancy

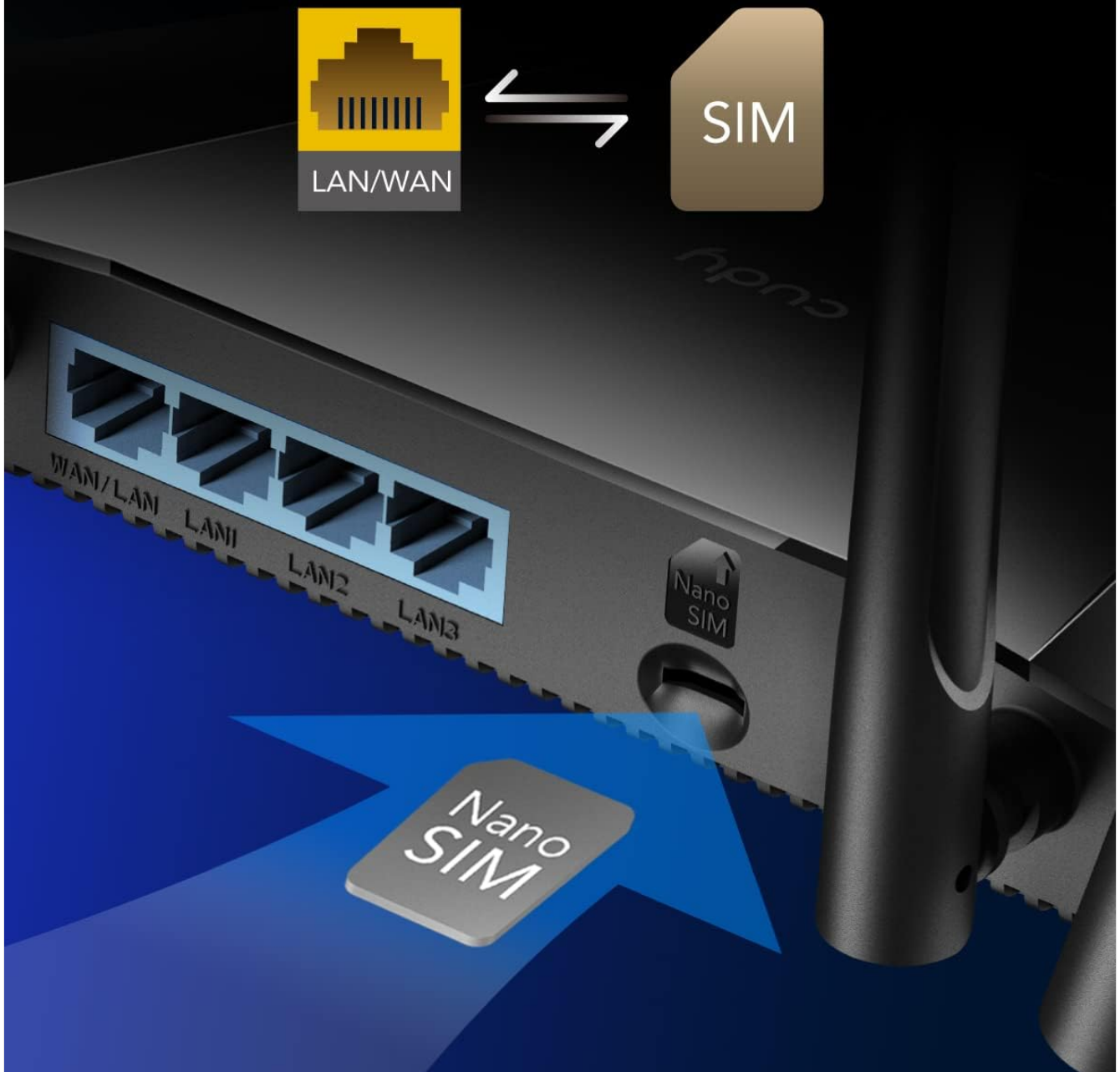


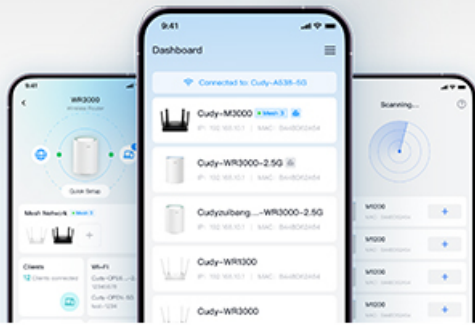
Image Description: This image demonstrates the WAN Failover feature, where the router can seamlessly switch between a wired WAN connection and a 4G LTE SIM connection, providing improved redundancy and ensuring continuous internet access.

3.4 VPN Client

The integrated PPTP/L2TP VPN client allows the router to connect to a VPN server, encrypting all your online data and traffic for enhanced security and privacy.



Cudy App



Management. Stromlinienförmig.

Richten Sie Ihr Online-Erlebnis mühelos auf Ihrem Telefon ein und verwalten Sie es.

Image Description: This image showcases the router's support for multiple VPN protocols, including WireGuard, OpenVPN, IPSec, L2TP, and PPTP, enabling users to establish secure and private network connections.

3.5 Dynamic DNS (DDNS)

The DDNS function helps manage changing IP addresses by assigning a custom domain name to your private IP address, which automatically updates. This is useful for remote management and accessing network resources from outside your local network.

4. MAINTENANCE

Regular maintenance ensures optimal performance and security for your Cudy LT400 router.

4.1 Firmware Updates

Periodically check for firmware updates on the Cudy official website or through the router's web interface. Firmware updates often include performance improvements, bug fixes, and security enhancements.

4.2 Cudy App Management

The Cudy App provides a convenient way to manage your router settings from your smartphone. Download the app from the App Store or Google Play.



AP3000

Image Description: This image showcases the Cudy App, demonstrating its streamlined interface across multiple smartphones, emphasizing its ease of use for managing and setting up your router directly from your mobile device.

4.3 Cleaning

Keep the router clean and free from dust. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.

5. TROUBLESHOOTING

If you encounter issues with your Cudy LT400 router, refer to the following common troubleshooting steps.

5.1 No Internet Connection

- **Check SIM Card:** Ensure the SIM card is correctly inserted and activated with your mobile operator.
- **Check APN Settings:** Verify that the APN settings in the web interface match those provided by your mobile operator.
- **Signal Strength:** Check the 4G LTE signal strength indicator on the router or in the web interface. If the signal is weak, try repositioning the router or adjusting the antennas.
- **Reboot Router:** Power off the router, wait for 10 seconds, and then power it back on.

5.2 Wi-Fi Not Visible or Connecting

- **Check Wi-Fi LED:** Ensure the Wi-Fi LED indicator on the router is lit.
- **Verify SSID and Password:** Confirm you are selecting the correct Wi-Fi network name (SSID) and entering the correct password.
- **Router Proximity:** Move closer to the router to ensure you are within range.
- **Restart Devices:** Restart your Wi-Fi enabled devices (smartphone, laptop, etc.).

5.3 Web Interface Inaccessible

- **Check IP Address:** Ensure your computer is set to obtain an IP address automatically (DHCP).
- **Correct Address:** Double-check that you are typing 192.168.10.1 correctly in the browser.
- **Clear Browser Cache:** Clear your web browser's cache and cookies, or try a different browser.
- **Factory Reset:** As a last resort, perform a factory reset. Locate the reset button (usually a small pinhole) on the router, press and hold it for about 5-10 seconds until the lights flash. This will revert all settings to factory defaults.

6. SPECIFICATIONS

Detailed technical specifications for the Cudy LT400 4G LTE N300 WLAN Router.

Feature	Specification
Brand	Cudy
Model Name	4G LTE Router Sim Card
Model Number	LT400
Connectivity Type	4G, 3G, WLAN

Feature	Specification
Wireless Communication Standard	802.11n, 2.4 GHz Radio Frequency
Frequency Band Class	Single Band
Wi-Fi Speed	300 Mbit/s (2.4 GHz)
4G LTE Speed	Up to 150 Mbit/s (Download), 50 Mbit/s (Upload)
Number of Ethernet Ports	4 (WAN/LAN configurable)
RAM Size	64 MB
Operating System	RouterOS
Product Dimensions	23 x 14.6 x 21 cm
Item Weight	205 g
Special Features	SIM Plug and Play, N300 WiFi, 4G LTE Cat4, DDNS, Port Forwarding, PPTP/L2TP VPN Client
Compatible Devices	Laptop, Smartphone
Antenna Type	Fixed External Antennas

7. WARRANTY AND SUPPORT

Cudy products are designed for reliability and ease of use. For any technical assistance or warranty inquiries, please refer to the following resources:

- **Official Cudy Website:** Visit the official Cudy website for the latest drivers, firmware updates, FAQs, and support contact information.
- **Cudy App:** The Cudy App can assist with setup and basic troubleshooting.
- **Customer Support:** Cudy provides responsive customer support. If you have specific questions or issues not covered in this manual, please contact Cudy support directly through their website.
- **Warranty Information:** For detailed warranty terms and conditions, please refer to the warranty card included with your product or the official Cudy website. Warranty coverage may vary by region and retailer.