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Yeacomm NR330-Q

Yeacomm 5G NR SA NSA CPE Router (Model NR330-Q) Instruction Manual

Brand: Yeacomm | Model: NR330-Q

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Yeacomm 5G NR SA NSA CPE Router, Model NR330-Q. Please read this manual thoroughly before using the device to ensure optimal performance and safety.



Figure 1: Front view of the Yeacomm 5G NR SA NSA CPE Router.

2. PRODUCT OVERVIEW

The Yeacomm NR330-Q is a high-performance 5G CPE router designed for fast and reliable internet connectivity. It integrates advanced technologies to provide a seamless networking experience.

Key Features:

- **Lightning-fast Qualcomm Snapdragon SDX62 5G NR SA / NSA Modem:** Supports speeds up to 3.47Gbps (5G NR) and 1.8Gbps (4G LTE Cat19), backward compatible with 3G/4G networks.
- **High-speed WiFi 6 Technology (802.11ax):** Offers over 1.8Gbps transmission speed, OFDMA for multiple devices, and MU-MIMO for reliable Wi-Fi.
- **Connectivity Ports:** Includes 1 Gigabit LAN port, 1 Gigabit LAN/WAN port, and 1 USB 3.0 port.
- **Advanced Network Features:** Supports TTL setting, band locking, VPN (PPTP, L2TP, IPSEC, Wireguard), Mesh network, QoS, and DDNS.
- **Built-in Antennas & Efficient Heat Dissipation:** Features 6 high-gain wide bandwidth cellular antennas and

fan convection for stable operation.

- **Plug and Play:** Simplifies mobile networking with real-time monitoring and automatic network problem repair.

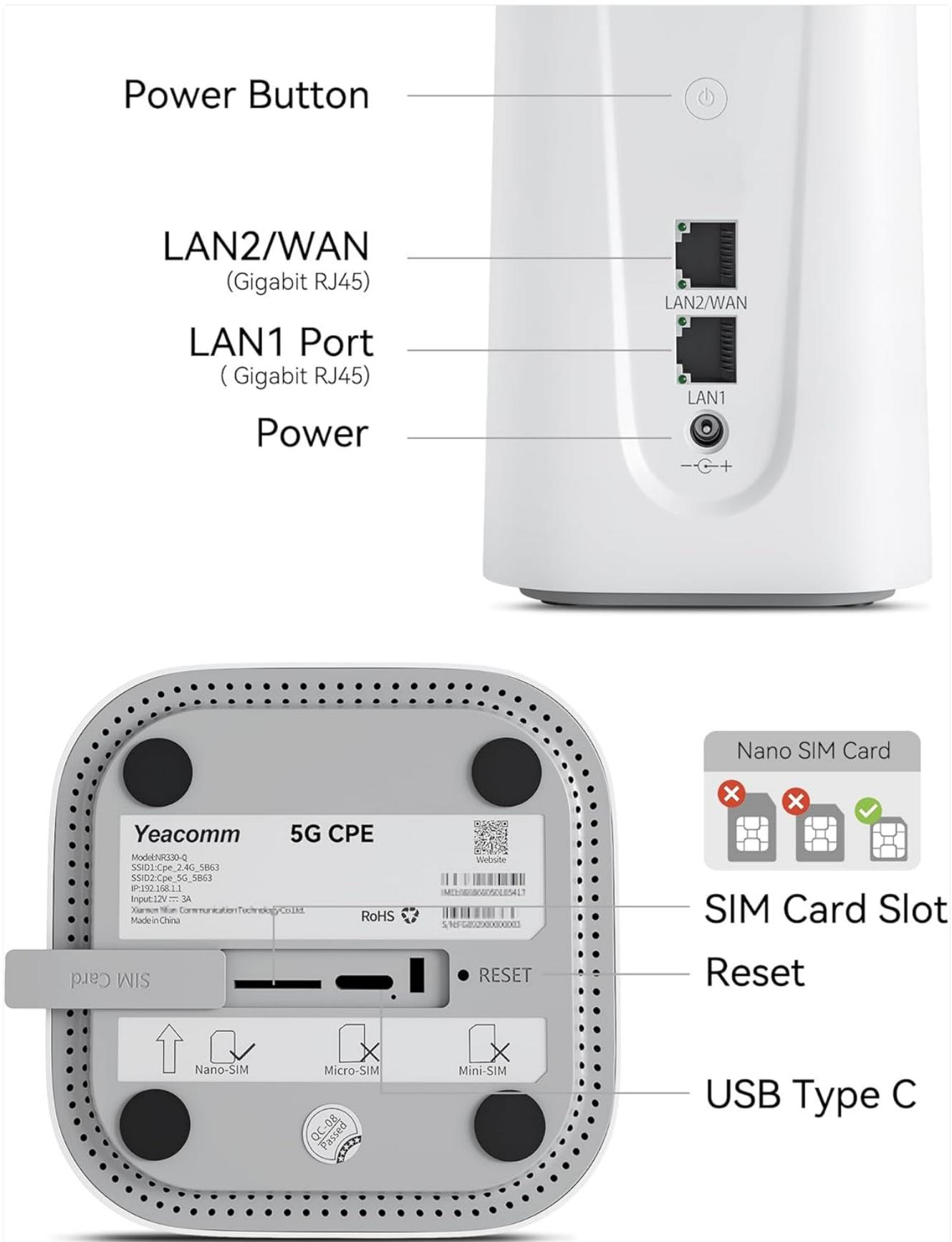


Figure 2: Rear view of the router showing power button, LAN/WAN ports, SIM card slot, reset button, and USB Type-C port.

3. SETUP INSTRUCTIONS

3.1. SIM Card Installation

1. Locate the SIM card slot on the device.
2. Open the protection cover.
3. Insert your Nano SIM card(s) into the designated slot(s) (SIM1 & SIM2). Ensure the SIM card is correctly oriented.
4. Replace the metal casing in its original position and reinsert the screws to secure the cover.

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Video 1: This video demonstrates the process of inserting SIM cards into a Yeacom 5G outdoor router. The steps for SIM card insertion are similar for the NR330-Q model.

3.2. Cable Connection

1. Prepare an RJ45 Ethernet cable.
2. Unscrew the cable gland from the LAN/WAN port.
3. Connect one end of the RJ45 cable to the LAN/WAN port on the router.
4. Screw all parts of the cable gland tightly to ensure a secure and waterproof connection.
5. Connect the other end of the Ethernet cable to your computer or another network device.

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Video 2: This video illustrates how to connect the Ethernet cable to a Yeacom 5G outdoor router. The cable connection process is similar for the NR330-Q model.

3.3. Power On

Connect the power adapter to the DC power input port on the router and plug it into a power outlet. The router will power on automatically.

4. OPERATING INSTRUCTIONS

4.1. Accessing the Web Management Interface

1. Ensure your computer is connected to the router via Wi-Fi or Ethernet cable.
2. Open a web browser (e.g., Chrome, Firefox, Edge).
3. Enter the default IP address (usually 192.168.1.1 or as indicated on the router's label) into the address bar and press Enter.
4. Enter the default username and password (usually admin for both, or as indicated on the router's label) to log in. It is recommended to change the default password immediately after the first login for security purposes.

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Video 3: This video provides a brief overview of the web management interface for a 5G WiFi 6 SIM Card Router, demonstrating various settings and monitoring options.

4.2. Network Settings

- **WAN Settings:** Configure the Wide Area Network connection. You can set the protocol type (e.g., DHCP, Static IP).
- **3G/4G/5G Settings:** Enable or disable specific cellular network types. This section also allows for band locking to optimize signal reception.
- **LAN Settings:** Manage the Local Area Network settings, including IP address range and DHCP server

configuration.

- **Static Route:** Configure static routes for specific network traffic.
- **TTL Setting:** Adjust the Time-To-Live (TTL) value for cellular data, which can be useful for certain mobile data plans.



Figure 3: Screenshot illustrating the 5G/4G Band Lock feature, allowing users to select specific frequency bands for cellular connectivity.

TTL Setting



VPN Client



Figure 4: Screenshot showing the TTL (Time-To-Live) setting options and various VPN client protocols supported by the router.

4.3. Wi-Fi Setup

- Configure 2.4GHz and 5GHz Wi-Fi networks.
- Set Wi-Fi names (SSID) and passwords.
- Adjust Wi-Fi power for optimal coverage.
- Enable or disable Mesh network functionality.

4.4. Advanced Settings

- **Security Settings:** Configure firewall rules, port forwarding, and other security features.
- **VPN:** Set up VPN client connections (PPTP, L2TP, IPSEC, Wireguard) for secure browsing.

- **QoS (Quality of Service):** Prioritize network traffic for specific applications or devices.
- **DDNS (Dynamic DNS):** Configure dynamic DNS services for remote access.

4.5. System Management

- **Firmware Upgrade:** Update the router's firmware to the latest version.
- **Backup/Restore:** Save or restore router configurations.
- **Reboot:** Restart the router.

5. SPECIFICATIONS

Feature	Detail
Product Dimensions	3.94 x 3.94 x 6.98 inches
Item Weight	2.42 pounds
Manufacturer	Yeacomm
Item Model Number	NR330-Q
Brand	Yeacomm
Special Feature	Band lock, QoS, TTL set, VPN
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11ac, 802.11ax, 802.11n
Compatible Devices	Personal Computer
Recommended Uses For Product	Home
Connectivity Technology	Ethernet, WiFi
Antenna Type	Internal

6. TROUBLESHOOTING

- **No Internet Connection:**

- Check if the SIM card is correctly inserted and activated with your mobile carrier.
- Verify cellular signal strength on the router's indicators or web interface.
- Ensure Ethernet cables are securely connected.
- Restart the router and connected devices.
- Check WAN settings in the web interface.

- **Slow Wi-Fi Speed:**

- Ensure devices are connected to the appropriate 2.4GHz or 5GHz band.
- Reduce the distance between the router and your devices.
- Minimize interference from other electronic devices.
- Check for firmware updates.

- **Cannot Access Web Interface:**

- Verify your device is connected to the router's network.
- Ensure you are using the correct IP address and login credentials.
- Try clearing your browser's cache or using a different browser.
- Perform a factory reset if you have forgotten the login credentials (note: this will erase all custom settings).

7. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Yeacomm website or contact their customer service directly. Keep your purchase receipt and product serial number handy for faster assistance.

Official Website: [Yeacomm Store](#)