CEDARouter C3 5G Aggregation Router User Guide

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CEDARouter C3 5G Aggregation Router

Product Information

Specifications

- **Power Supply Voltage:** DC 12V/3A
- **Battery Capacity:** 8.4V 6.4Ah
- **Default IP for the C3 Bonding Router:** 192.168.6.1
- **Default Password:** admin

Product Usage Instructions

Powering On/Off

The ON/OFF button is used to power on/off the bonding router.

Power Supply

The device supports DC 12V/3A power supply. Use the provided adapter; if replacing, consult sales or factory technicians for the correct parameters.

Resetting the Router

Use the REST button to reset the router to factory settings by inserting a pin into the designated hole and holding it for about 15 seconds.

LAN Ports

LAN 1, LAN 2, and LAN 3 ports provide internet access for connected computers. Access the router backend using IP 192.168.6.1 and password admin. If login fails, try changing the browser or resetting the router using the REST button.

WAN Port

The WAN port allows external network connection and can aggregate with 5G networks for internet access.

Other Ports

The USB port is currently non-functional and reserved for future use. SIM slots 1, 2, and 3 correspond to different 5G cards. Indicator lights show system operation status and WiFi connectivity.

(FAQ)

- **Q:** How do I change the default IP address or password?
- **A:** To change the default IP or password, access the router backend using the default credentials, navigate to settings, and update the necessary information.
- **Q:** What do I do if I forget my password?
- **A:** If you forget your password, you can reset the router to factory settings by pressing and holding the REST button for about 15 seconds.

- **Q**: Can I use a different power supply with the router?
- **A**: It is recommended to consult with sales or factory technicians before using a different power supply to ensure compatibility and safety.

Preface

Welcome to the C3 5G Aggregation Router User Guide! This document is designed to provide you with detailed information about the C3 5G Aggregation Router, ensuring that you can fully leverage its features and performance. We extend our gratitude to the team members for their efforts in the development and refinement of the product. This document aims to provide users with clear, detailed operational guidelines and technical references for easy configuration, management, and maintenance of your device. Please note that this document is based on a specific version of the C3 5G Aggregation Router. Ensure that the document version you are viewing aligns with the version of the device you are using. The provided table of contents will assist you in quickly locating the information you need. If you have any questions or require assistance, feel free to contact our technical support team. Wishing you a pleasant user experience!

Basic Information

- **Power Supply Voltage:** DC 12V/3A
- **Battery Capacity:** 8.4V 6.4Ah
- Default IP for the C3 Bonding Router: 192.168.6.1 Default Password **: admin**

Brief Introduction

C3 4G/5G bonding router supports 3x4G/5G modem modules, 2.5G+5.8G dual-band WiFi, four gigabit wired networks and other external network access methods. It adopts an open architecture design, providing fast and flexible customization. It can realize local real-time data analysis and intelligent processing. It adopts an industrial-grade standard design, wide temperature, wide voltage, dust-proof, anti-strong electromagnetic interference, multiple hardware protection, and an external watchdog circuit. It can run stably even in harsh environments. It can adapt to different industry scenarios and provide wireless data transmission functions for users by using a public wireless network. It mainly provides more stable network support for various related industrial industries in areas with poor network environments, especially suitable for outdoor live broadcasts, outdoor emergency command, port communication and other special network scenarios that cannot use wired access.
C3 adopts a low-power and high-performance Arm A53 quad-core CPU architecture, with a CPU main frequency of up to 1.8 GHz. It has a built-in 8.4V 6.4Ah imported lithium battery. It is an indispensable part of the outdoor emergency network system. The device provides uninterrupted multi-network access capabilities with 4G/5G wireless wide area network multi-network backup and Wi-Fi6 wireless network technologies. With its comprehensive security and wireless services features, it provides users with high-speed and stable data transmission channels. It is now widely used in the M2M industry in the IoT industry chain, such as live broadcast, smart grid, intelligent transportation, finance, supply chain automation, industrial automation, smart building, fire protection, public safety, environmental protection, meteorology, digital medical care, remote sensing surveying, agriculture, forestry, water conservancy, coal mining, petrochemical and other fields.

Interface Description

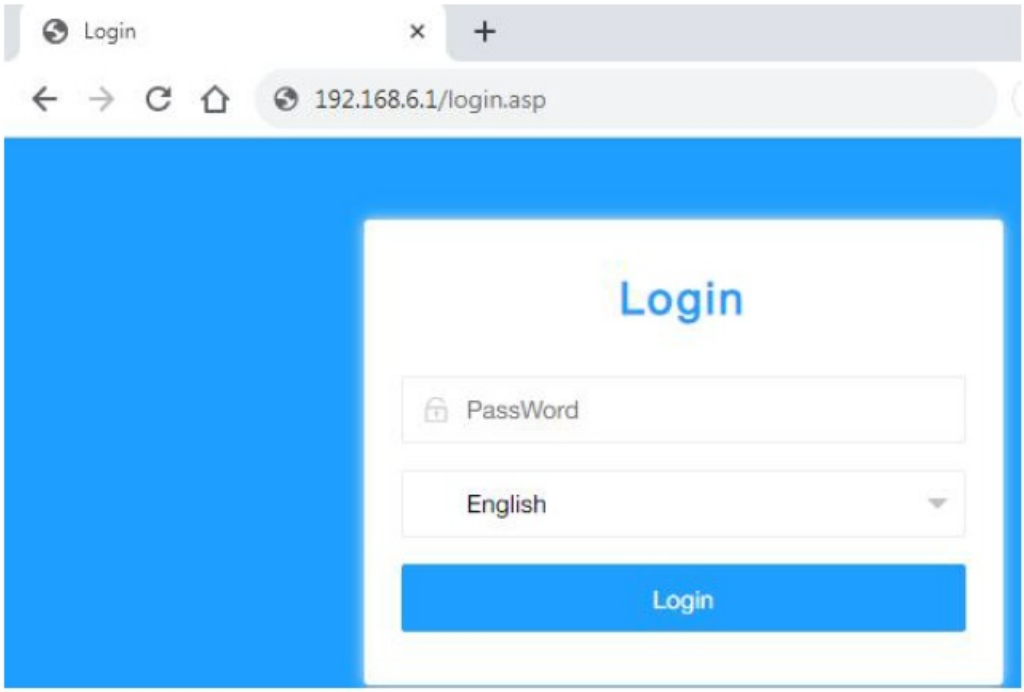
1. **ON/OFF:** The power on/off button of the bonding router.
2. **Power:** The latest model supports DC 12V/3A power supply. When using, try to use the adapter provided by the original factory. If customers need to replace their own power supply, the parameters of the power supply voltage need to be consulted with sales or original factory technicians.
3. **REST**: The reset button of the bonding router. Insert the pin that comes with the SIM card, hold it for about 15 seconds and then release it, and the bonding router can be restored to the factory state.
4. **AN 1**: This port is connected to the computer, which can provide internet access for the computer. Enter IP: 192.168.6.1 in the browser, and password: admin, to control the router backend. If the password fails: it is recommended to change the browser to continue logging in or press and hold the REST button to reset the router.
5. **LAN 2**: This port is connected to the computer, which can provide internet access for the computer. Enter IP: 192.168.6.1 in the browser, and password: admin, to control the router backend. If the password fails: it is recommended to change the browser to continue logging in or press and hold the REST button to reset the router.
6. **LAN 3**: This port is connected to the computer, which can provide internet access for the computer. Enter IP: 192.168.6.1 in the browser, and password: admin, to control the router backend. If the password fails: it is recommended to change the browser to continue logging in or press and hold the REST button to reset the router.
7. **WAN:** The bonding router can access the internet by inserting an external network into this port. The network of WAN port can also be aggregated with 5G network.
8. **USB:** Currently no function, reserved for future use, can be customized according to customer needs.
9. **SIM 1 slot**: The 5G card inserted in this slot corresponds to card 1 position on the display screen.

10. **SIM slot 2:** Same as SIM 1 slot
11. **SIM slot 3:** Same as SIM 1 slot
12. **SYS**: System normal operation indicator light W1: 2.5G WiFi indicator light W2: 5.8G WiFi indicator light M1: SIM card 1 indicator light M2: SIM card 2 indicator light M3: SIM card 3 indicator light
13. **Display screen:** It can normally display uplink and downlink network speed, operator icon, SIM card signal strength, battery power, WiFi status and so on.

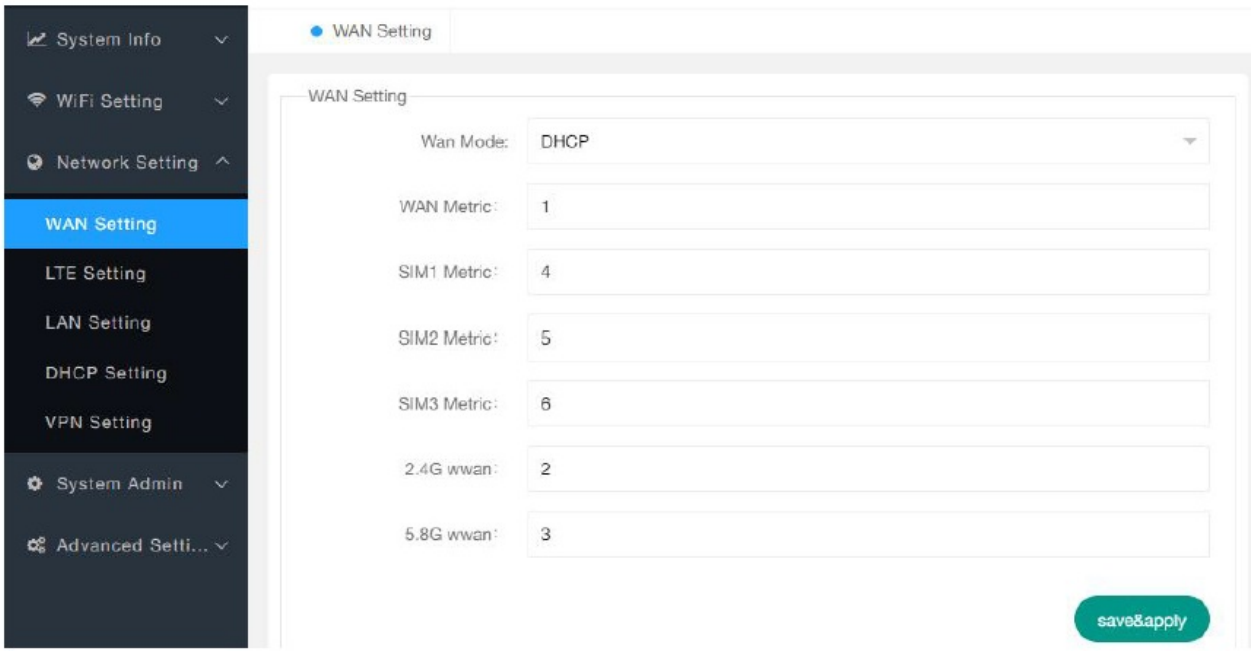
Quick Operation Guide

1. Insert the SIM cards into the bonding router, with the chip end facing up, as shown in the figure below.

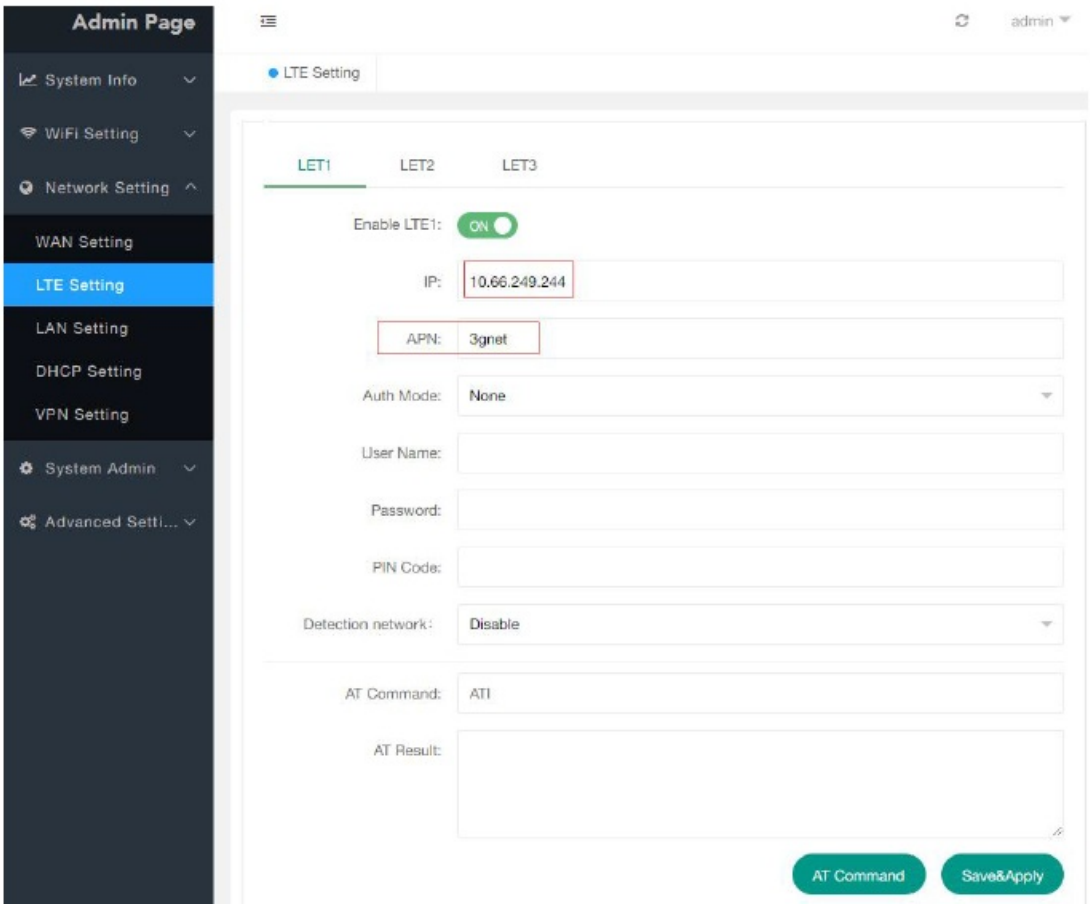
2. Install all antennas.
3. Press the power button ON/OFF of the bonding router and wait for C3 to boot up.
4. Connect the computer to any LAN port of C3, set the computer network to DHCP, and automatically obtain IP.
5. Open http://192.168.6.1 (default IP) by browser, Default Password: admin



- [Network Settings] – [WAN Settings], in WAN settings, you can set the dial-up mode of the WAN port and the traffic usage priority of the bonding network (the smaller the number, the higher the priority, note that it can be negative), and click [Save & Apply] after setting.



- [Network Setting] – [LTE Setting], If the C3 cannot automatically obtain the IP, you can manually set the APN parameters and other information of the LTE module.



- [Advanced Features] – [Remote Management], by default, it is bound to the official server remotely, and customers can also build their own remote management server to control the WEB management interface of C3.

contact

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Documents / Resources

	CEDARouter C3 5G Aggregation Router [pdf] User Guide C3, C3 5G Aggregation Router, 5G Aggregation Router, Aggregation Router, Router

References

- User Manual