

ZTE G5C

ZTE G5C 5G Wi-Fi 6 Modem Router User Manual

Model: G5C

1. INTRODUCTION

Thank you for choosing the ZTE G5C 5G Wi-Fi 6 Modem Router. This device provides high-speed 5G connectivity and Wi-Fi 6 dual-band AX1800 for a robust and reliable network experience. It is designed for both home and professional use, supporting up to 32 devices simultaneously with two Gigabit Ethernet ports. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new router.

2. PACKAGE CONTENTS

Please check the package for the following items:

- ZTE G5C 5G Modem Router
- Power Adapter

3. DEVICE OVERVIEW

Familiarize yourself with the ports, buttons, and indicators on your ZTE G5C router.





Figure 3.1: Front view of the ZTE G5C 5G Wi-Fi 6 Modem Router, showing the ZTE logo and LED indicators for Network, Wi-Fi, and Power.





Figure 3.2: Rear view of the ZTE G5C 5G Wi-Fi 6 Modem Router, highlighting the WPS button, Phone port, LAN ports, WAN/LAN port, and power input.

3.1. LED Indicators

- **Network LED:** Indicates the status of the 5G/4G network connection.
- **Wi-Fi LED:** Indicates the status of the Wi-Fi network.
- **Power LED:** Indicates the power status of the device.

3.2. Ports and Buttons

- **WPS Button:** For quick and secure Wi-Fi connections without entering a password.
- **Phone Port (RJ11):** For connecting a landline phone for VoIP services (if supported by your SIM card and service provider).
- **LAN Ports (Gigabit Ethernet):** For connecting wired devices such as computers, gaming consoles, or smart TVs.
- **WAN/LAN Port (Gigabit Ethernet):** Can function as an additional LAN port or as a WAN port for connecting to an existing modem/router.
- **Power Input:** Connect the provided power adapter here.
- **Nano SIM Card Slot:** Insert your 5G/4G Nano SIM card here.

4. SETUP

Follow these steps to set up your ZTE G5C router:

4.1. Insert the SIM Card

1. Locate the Nano SIM card slot on the router.
2. Carefully insert your Nano SIM card into the slot with the gold contacts facing down and the notched corner oriented correctly. Push until it clicks into place.

4.2. Connect Power

1. Connect one end of the power adapter to the power input port on the router.
2. Plug the other end of the power adapter into a standard electrical outlet.

4.3. Power On

The router will automatically power on. Wait for the Power LED to turn solid, and the Network LED to indicate a stable 5G/4G connection (usually solid blue or green, refer to the full manual for specific LED behaviors).

4.4. Connect Devices

You can connect devices via Wi-Fi or Ethernet cable.

- **Wi-Fi Connection:**
 - a. On your device (smartphone, laptop), search for available Wi-Fi networks.
 - b. Select the Wi-Fi network name (SSID) printed on the label at the bottom of your router.
 - c. Enter the Wi-Fi password (Key) also found on the router's label.
- **Ethernet Connection:**
 - a. Connect one end of an Ethernet cable to a LAN port on the router.
 - b. Connect the other end of the Ethernet cable to the Ethernet port on your computer or other wired device.

5. OPERATING INSTRUCTIONS

5.1. Accessing the Web Management Interface

To configure advanced settings, access the router's web management interface:

1. Ensure your device is connected to the router via Wi-Fi or Ethernet.
2. Open a web browser and enter the default IP address (e.g., 192.168.0.1 or 192.168.1.1) found on the router's label.
3. Enter the default username and password (also on the label) to log in.

5.2. Using WPS (Wi-Fi Protected Setup)

WPS allows for easy connection of WPS-compatible devices without entering the Wi-Fi password:

1. Press the WPS button on the router for 1-3 seconds. The Wi-Fi LED will start blinking.
2. Within two minutes, activate WPS on your client device (e.g., press the WPS button on a Wi-Fi extender or select WPS connect on your device's Wi-Fi settings).
3. The devices will automatically connect.

5.3. Dual-Band Wi-Fi

The ZTE G5C supports dual-band Wi-Fi (2.4 GHz and 5 GHz). The 2.4 GHz band offers wider coverage, while the 5 GHz band provides faster speeds and less interference. Your devices will typically connect to the optimal band automatically, or you can configure separate SSIDs for each band via the web management interface.

5.4. Connecting a Phone (VoIP)

If your SIM card and service plan support Voice over IP (VoIP), you can connect a standard analog phone to the RJ11 Phone port on the router. Refer to your service provider's instructions for specific VoIP configuration.

6. MAINTENANCE

6.1. Placement

For optimal performance, place the router in an open area, away from obstructions, large metal objects, and other electronic devices that may cause interference. Avoid placing it in enclosed spaces or near heat sources.

6.2. Cleaning

Clean the router regularly with a soft, dry cloth. Do not use liquid cleaners or aerosols. Ensure the ventilation slots are free from dust to prevent overheating.

ZTE G5C 5G CPE

- 7nm High-performance 5G Platform
- 5G NSA&SA Dual Mode
- High Speed Wi-Fi 6, Peak Rate 1800Mbps*
- 2 GE Ports for Fast Wired Connection



Figure 6.1: Internal view illustrating the optimized heat dispersion system of the ZTE G5C 5G Wi-Fi 6 Modem Router.

6.3. Firmware Updates

Periodically check for firmware updates through the router's web management interface. Keeping your firmware updated ensures optimal performance, security, and access to new features.

7. TROUBLESHOOTING

If you encounter issues with your router, try the following solutions:

Problem	Possible Solution
No Internet connection	• Check if the SIM card is correctly inserted. • Verify that the Network LED is solid (indicating a stable connection). • Restart the router by unplugging and replugging the power adapter. • Check your SIM card's data plan and coverage.
Slow Wi-Fi speed	• Ensure the router is placed in a central location, away from obstructions. • Reduce the number of connected devices if exceeding 32. • Try connecting to the 5 GHz Wi-Fi band for faster speeds. • Check for interference from other electronic devices.
Cannot connect to Wi-Fi	• Verify the Wi-Fi password (Key) is entered correctly. • Ensure the Wi-Fi LED is on. • Restart the router and your client device.

Problem	Possible Solution
WPS connection fails	• Ensure both the router's WPS button and the client device's WPS function are activated within the two-minute window. • Try connecting manually using the Wi-Fi password.

8. SPECIFICATIONS

Feature	Detail
Brand	ZTE
Model Name	G5C
Special Features	WPS, LED Indicator, Supports 32 devices
Frequency Band Class	Dual-Band (2.4 GHz, 5 GHz)
Wireless Communication Standard	802.11ax (Wi-Fi 6)
Compatible Devices	Wi-Fi or Ethernet enabled devices
Recommended Use	Business, Home/Small Office Network
Connectivity Technology	5G, Ethernet, Wi-Fi
Security Protocol	WPS
Number of Ports	2 (Gigabit Ethernet)
Data Transfer Rate	1800 Megabits per second (Wi-Fi)
LAN Port Bandwidth	1000 Mbps
Wi-Fi Generation	Wi-Fi 6
Modem Compatibility	Yes (Integrated 5G modem)
Country of Origin	China

9. WARRANTY INFORMATION

The ZTE G5C 5G Wi-Fi 6 Modem Router comes with a**2-year manufacturer warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included in your package or visit the official ZTE website.

10. SUPPORT

For further assistance, technical support, or to download the latest drivers and firmware, please visit the official ZTE website or contact ZTE customer service. You can also visit the [ZTE Store on Amazon](#) for product information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question