

D-Link G403C

D-Link G403C N300 4G Smart Router User Manual

Model: G403C

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your D-Link G403C N300 4G Smart Router. The G403C is designed to provide high-speed, flexible mobile broadband connectivity, supporting both 4G and Wi-Fi. It features powerful Wi-Fi coverage, plug-and-play SIM-based internet, enterprise-grade security, and smart failover capabilities for uninterrupted connectivity.



Figure 1: Front view of the D-Link G403C N300 4G Smart Router, showcasing its compact design and four external antennas for enhanced signal reception.

2. PACKAGE CONTENTS

Ensure all items are present in the package:

- D-Link G403C N300 4G Smart Router
- Power Adapter
- Ethernet Cable
- Quick Installation Guide

If any items are missing or damaged, please contact your retailer or D-Link support.

3. PHYSICAL FEATURES AND INTERFACES

Familiarize yourself with the router's physical components and ports.



Figure 2: Side view of the D-Link G403C router, illustrating the placement of its four high-gain antennas.



Figure 3: Angled view of the D-Link G403C router, providing a perspective of its overall form factor.

3.1 Front Panel Indicators

- **Power LED:** Indicates power status.
- **Internet LED:** Indicates internet connection status.
- **Wi-Fi LED:** Indicates Wi-Fi network activity.
- **4G/LTE LED:** Indicates 4G/LTE signal strength and connection status.
- **LAN LEDs:** Indicate activity on LAN ports.

3.2 Rear Panel Ports and Buttons



Figure 4: Rear panel of the D-Link G403C router, detailing the SIM card slot, multiple LAN ports, a convertible WAN/LAN port, Reset button, DC power input, and the Power button.

- **SIM Card Slot:** Insert your 4G SIM card here.
- **LAN Ports (x3):** Connect wired devices such as computers or gaming consoles.
- **WAN/LAN Port (x1):** Can be used as a WAN port for wired broadband connection or an additional LAN port.
- **Reset Button:** Press and hold for 10 seconds to restore factory default settings.
- **DC-IN:** Connect the provided power adapter.
- **Power Button:** Turns the router on or off.

4. SETUP AND INSTALLATION

Follow these steps to set up your D-Link G403C router.

4.1 Hardware Installation

1. **Insert SIM Card:** With the router powered off, carefully insert your 4G SIM card into the SIM card slot on the rear panel until it clicks into place. Ensure the SIM card is correctly oriented.
2. **Connect Power:** Connect the provided power adapter to the DC-IN port on the router and then plug the adapter into a power outlet.
3. **Power On:** Press the Power button on the rear panel to turn on the router. Wait for the Power LED to turn solid.
4. **Antenna Adjustment:** Adjust the four external antennas for optimal signal reception.



Figure 5: Illustration of inserting the SIM card into the designated slot on the D-Link G403C router for immediate internet access.

4.2 Initial Configuration (Wi-Fi)

1. **Connect to Wi-Fi:** On your computer or mobile device, search for available Wi-Fi networks. Select the network name (SSID) printed on the label on the bottom of your router.
2. **Enter Password:** Enter the Wi-Fi password (WPA Key) also found on the router's label.
3. **Access Web Interface:** Open a web browser and type <http://dlinkrouter.local> or <http://192.168.0.1> into the address bar.
4. **Login:** Enter the default username (usually 'admin') and password (usually 'admin' or blank) as indicated on the router's label or in the Quick Installation Guide.
5. **Follow Setup Wizard:** The router's web interface will guide you through the initial setup process, including changing default Wi-Fi name and password, and configuring 4G settings if necessary.

4.3 WAN Failover Configuration (Optional)

The G403C supports WAN failover, allowing it to automatically switch to 4G mobile internet if your wired broadband connection fails.

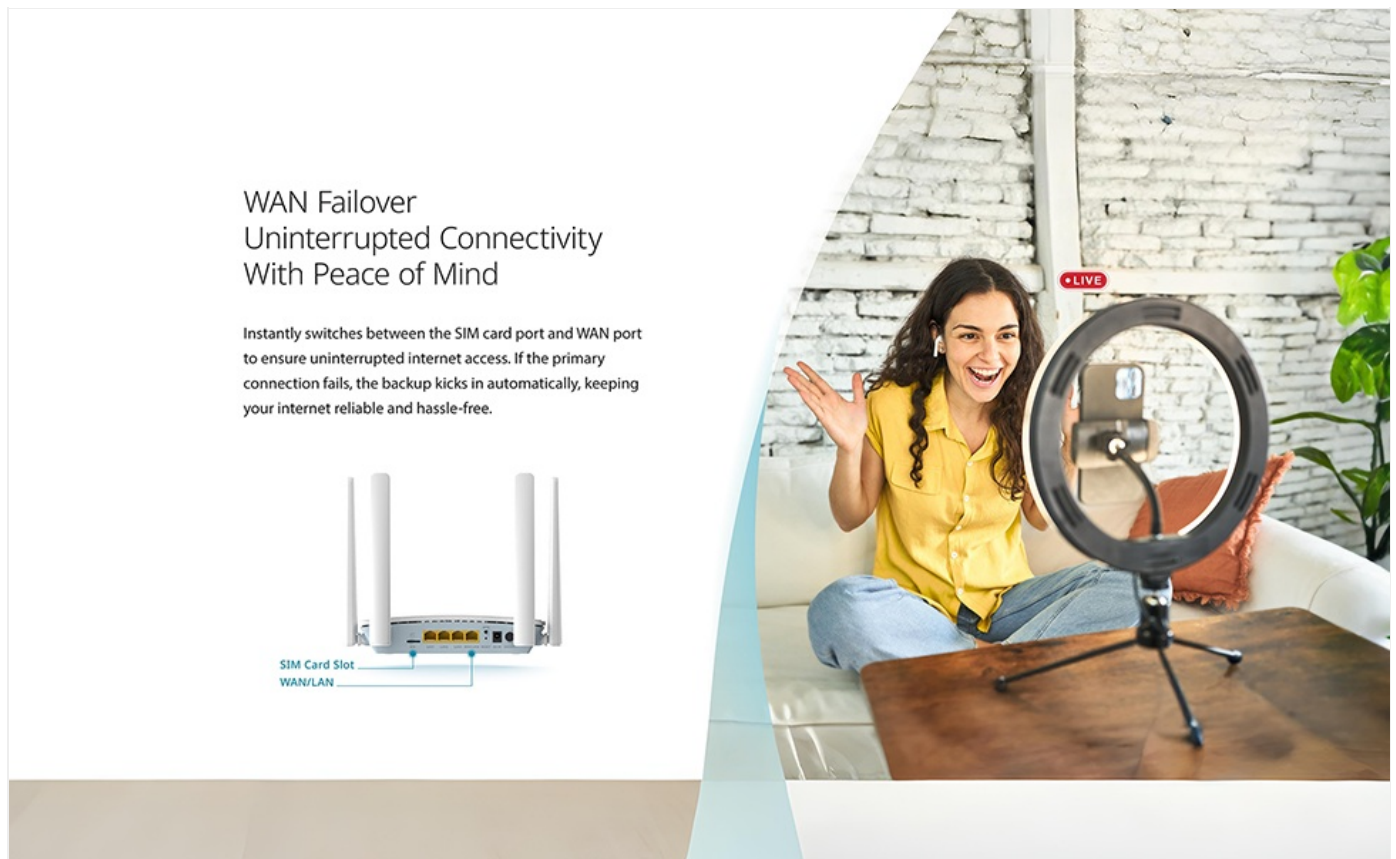


Figure 6: Visual representation of the WAN Failover feature, ensuring continuous internet connectivity by switching to 4G if the primary wired connection is lost.

1. **Connect Wired WAN:** Connect your wired broadband modem to the WAN/LAN port on the router using an Ethernet cable.
2. **Access Web Interface:** Log in to the router's web interface.
3. **Configure Failover:** Navigate to the WAN settings or Failover settings section. Enable WAN failover and set the 4G connection as the backup. Refer to the online user manual for detailed steps.

5. OPERATING THE ROUTER

5.1 Connecting Devices

- **Wi-Fi Devices:** Connect smartphones, tablets, laptops, and other Wi-Fi enabled devices using the configured Wi-Fi SSID and password. The router supports up to 32 devices.
- **Wired Devices:** Use Ethernet cables to connect desktop computers, smart TVs, gaming consoles, or network storage devices to the LAN ports.

5.2 Managing Your Network

Access the router's web interface (<http://dlinkrouter.local> or <http://192.168.0.1>) to manage advanced settings:

- **Wi-Fi Settings:** Change SSID, password, security type (WPA3 recommended), and Wi-Fi channel.
- **Parental Control:** Manage internet access times and block specific websites for connected devices.
- **Guest Mode:** Create a separate Wi-Fi network for guests, isolating them from your main network.

- **Network Status:** View connected devices, internet status, and signal strength.
- **Firmware Update:** Regularly check for and install firmware updates to ensure optimal performance and security.



Figure 7: Overview of the router's performance features, including Wi-Fi speed up to 300 Mbps, enhanced connectivity via 5dBi antennas, and advanced security with WPA3 encryption and EN 303 645 certification.

6. MAINTENANCE

To ensure the longevity and optimal performance of your router:

- **Placement:** Place the router in a central location, away from obstructions, large metal objects, and other electronic devices that may cause interference.
- **Cleaning:** Clean the router periodically with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the router's ventilation holes are not blocked to prevent overheating.
- **Firmware Updates:** Regularly check for and apply firmware updates from the D-Link website or through the router's web interface. Firmware updates often include performance improvements, security patches, and new features.
- **Rebooting:** If you experience connectivity issues, try rebooting the router by unplugging the power adapter for 10 seconds and then plugging it back in.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
No Power LED / Router not turning on.	Power adapter not connected or faulty; power outlet issue.	Ensure power adapter is securely connected to the router and a working power outlet. Try a different outlet.

Problem	Possible Cause	Solution
No Internet connection (4G).	SIM card not inserted correctly; no signal; incorrect APN settings; SIM card not activated.	Re-insert SIM card firmly. Check 4G/LTE LED for signal strength. Move router to a location with better signal. Verify APN settings in the router's web interface (consult your mobile carrier). Ensure SIM card is activated with your mobile carrier. Reboot the router.
Wi-Fi connection issues / Slow Wi-Fi speed.	Too far from router; interference; too many devices; outdated firmware.	Move closer to the router. Change Wi-Fi channel in router settings to avoid interference. Limit number of connected devices or bandwidth usage. Update router firmware. Reboot the router.
Cannot access router web interface.	Incorrect IP address/URL; network cable issue; firewall blocking access.	Ensure you are using http://dlinkrouter.local or http://192.168.0.1. Verify Ethernet cable connection if using wired access. Temporarily disable firewall on your computer. Try a different web browser. Reset router to factory defaults (will erase all settings).

8. SPECIFICATIONS

Feature	Detail
Brand	D-Link
Model Name	G403C
Connectivity Type	4G, Wi-Fi
Wireless Type	802.11n
Frequency Band Class	Single-Band
Antennas	2 x 5 dBi Wi-Fi antennas, 2 x LTE antennas
Ports	3 x LAN, 1 x WAN/LAN, 1 x SIM Card Slot
Security	WPA3 encryption, EN 303 645 cyber security certification
Dimensions (LxWxH)	20.8 x 12.2 x 2.3 Centimeters

Feature	Detail
Item Weight	290 g
Included Components	Router
Special Features	Alexa Compatible, Guest Mode, LED Indicator, Parental Control, WAN Failover

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official D-Link website.

- **Manufacturer:** No. 289, Xinhua 3rd Road, Neihu District, Taipei 11494
- **Importer:** D-Link India Ltd
- **Online Support:** Visit [D-Link Support](#) for FAQs, downloads, and contact information.

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Email

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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

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