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> [D-Link : DWR 2000M 5G AX1800 router with 4 x Gigabit LAN ports, 1 x Gigabit WAN port, 1 x FXS port, 1 x USB 3.0](#)

## MuSheng DWR 2000M

# D-Link DWR 2000M 5G AX1800 Router User Manual

Model: DWR 2000M

## 1. INTRODUCTION

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This user manual provides comprehensive instructions for the setup, operation, and maintenance of your D-Link DWR 2000M 5G AX1800 Router. This device is designed to provide high-speed 5G internet connectivity and robust Wi-Fi AX1800 for your home or office, supporting up to 128 devices.

## 2. SAFETY INFORMATION

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- Ensure the router is placed in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
- Use only the power adapter supplied with the device.
- Do not open the router casing; refer all servicing to qualified personnel.
- Keep the device away from children and pets.
- Disconnect power during lightning storms or when unused for long periods.

## 3. PACKAGE CONTENTS

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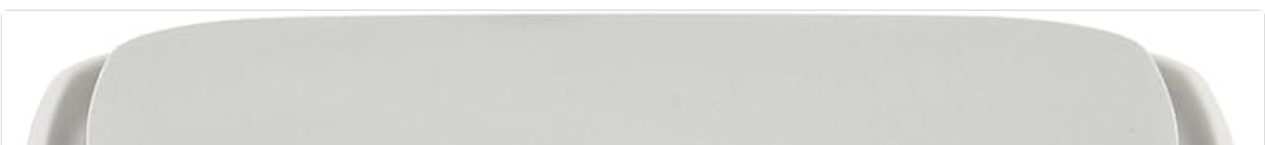
Verify that your package contains the following items:

- D-Link DWR 2000M 5G AX1800 Router
- Power Adapter
- Ethernet Cable
- Quick Installation Guide

## 4. PRODUCT OVERVIEW

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### 4.1 Front Panel



**D-Link<sup>®</sup>**

5G



4G



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**Figure 4.1:** Front view of the D-Link DWR 2000M 5G AX1800 Router, showing the D-Link logo, status indicator LEDs for 5G, Wi-Fi, and signal strength, and the power button at the bottom.

The front panel of the DWR 2000M features several LED indicators that provide real-time status of the router's operation. These include indicators for 5G connectivity, Wi-Fi status, and signal strength, allowing for quick visual checks of the network's health. A power button is conveniently located at the bottom for easy on/off control.

## 4.2 Rear Panel





**Figure 4.2:** Rear view of the D-Link DWR 2000M 5G AX1800 Router, displaying the various ports including LAN, WAN, and power input.



**Figure 4.3:** Close-up view of the rear ports on the D-Link DWR 2000M, highlighting the Ethernet LAN ports, WAN port, and the power input. Also visible are the WPS button and a reset pinhole.

The rear panel houses all the essential connectivity ports. These include multiple Gigabit Ethernet LAN ports for wired devices, a Gigabit WAN port for connecting to an external modem or fiber optic terminal, an FXS port for voice services, and a USB 3.0 port for connecting external storage or other peripherals. A WPS button is available for easy Wi-Fi Protected Setup, and a recessed reset button allows for factory default restoration.

## 5. SETUP

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### 5.1 Hardware Installation

1. **Insert SIM Card:** Locate the SIM card slot on the router. Gently insert your 5G/4G SIM card until it clicks into place.

Ensure the SIM card is correctly oriented as indicated by the diagram near the slot.

2. **Connect Power:** Connect the supplied power adapter to the router's power input port and then plug the adapter into a power outlet. The router will automatically power on.
3. **Connect Ethernet Devices (Optional):** For wired connections, connect one end of an Ethernet cable to a LAN port on the router and the other end to your computer, gaming console, or other network device.
4. **Connect WAN (Optional):** If you are using an external modem or fiber connection, connect an Ethernet cable from your modem/ONT to the WAN port on the router.

## 5.2 Initial Configuration

After hardware installation, wait for the router to boot up. The 5G and Wi-Fi LEDs on the front panel should indicate a stable connection.

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 at the bottom of your router. Enter the Wi-Fi password (Wi-Fi Key) also found on the label.
2. **Access Web Interface:** Open a web browser (e.g., Chrome, Firefox, Edge) and type `http://dlinkrouter.local` or the default IP address (usually 192.168.0.1) into the address bar and press Enter.
3. **Login:** Enter the default username (usually admin) and password (also found on the router's label or left blank for first-time setup). Follow the on-screen setup wizard to configure your internet connection and Wi-Fi settings.

## 6. OPERATING THE ROUTER

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### 6.1 Connecting Devices

- **Wi-Fi Devices:** Use the SSID and Wi-Fi Key from the router's label or your custom settings to connect smartphones, tablets, laptops, and other wireless devices.
- **Wired Devices:** Connect devices like desktop computers, smart TVs, or gaming consoles directly to the router's LAN ports using Ethernet cables for stable, high-speed connections.
- **USB Devices:** Plug USB storage devices into the USB 3.0 port to share files across your network.

### 6.2 Basic Network Settings

Access the web interface (as described in Section 5.2) to manage your network settings.

- **Change Wi-Fi Name (SSID) and Password:** Navigate to the Wi-Fi settings section to customize your network name and set a strong, secure password.
- **Guest Network:** Enable a separate guest Wi-Fi network to provide internet access to visitors without giving them access to your main network.
- **Parental Controls:** Configure time-based access or content filtering for specific devices on your network.

### 6.3 Advanced Features

- **Quality of Service (QoS):** Prioritize network traffic for applications like online gaming or video streaming to ensure smooth performance.
- **Port Forwarding:** Configure port forwarding rules for specific applications or services that require direct access from the internet.
- **VPN Passthrough:** The router supports VPN passthrough for secure remote access.
- **IPv6 Support:** The router is compatible with the next generation of internet standards, IPv6.

## 7. MAINTENANCE

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## 7.1 Firmware Updates

Regularly check for and install firmware updates to ensure optimal performance, security, and access to new features. You can usually find firmware updates on the D-Link support website or through the router's web interface.

## 7.2 Cleaning

To clean the router, gently wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols. Ensure the ventilation slots are free from dust accumulation.

## 7.3 Resetting the Device

If you encounter persistent issues or forget your login credentials, you can perform a factory reset. With the router powered on, use a paperclip or similar pointed object to press and hold the recessed reset button on the rear panel for approximately 10 seconds. The router will restart with factory default settings.

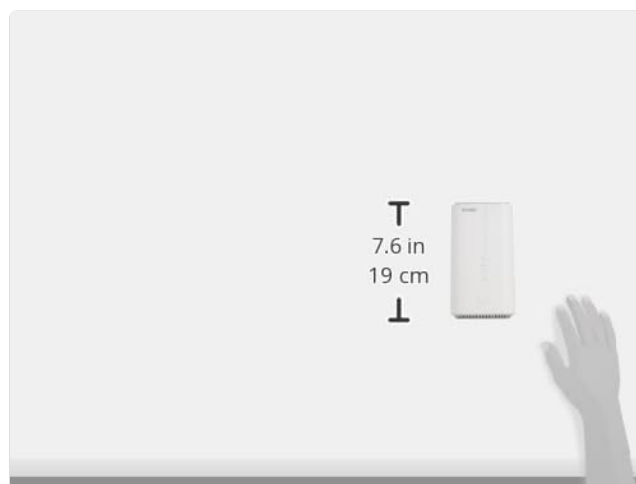
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## 8. TROUBLESHOOTING

Problem	Possible Solution
No Internet connection	<ul style="list-style-type: none"><li>Check if the SIM card is properly inserted and active.</li><li>Verify that the 5G LED indicator is solid.</li><li>Restart the router by unplugging and replugging the power adapter.</li><li>Check your ISP connection if using WAN port.</li></ul>
Cannot connect to Wi-Fi	<ul style="list-style-type: none"><li>Ensure the Wi-Fi LED indicator is on.</li><li>Verify you are entering the correct Wi-Fi password.</li><li>Try moving closer to the router.</li><li>Restart your device and the router.</li></ul>
Slow network speed	<ul style="list-style-type: none"><li>Check for interference from other electronic devices.</li><li>Ensure the router is placed in a central location.</li><li>Limit the number of connected devices or bandwidth-intensive activities.</li><li>Check your 5G signal strength via the router's web interface.</li></ul>

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## 9. SPECIFICATIONS



**Figure 9.1:** Approximate dimensions of the D-Link DWR 2000M router, showing a height of 7.6 inches (19 cm).

Feature	Detail
Model Number	DWR 2000M
Connectivity	5G NR, 4G LTE, Wi-Fi 6 (802.11ax)
Wi-Fi Speed	AX1800 (1201 Mbps on 5 GHz + 574 Mbps on 2.4 GHz)
Ethernet Ports	4 x Gigabit LAN, 1 x Gigabit WAN
Other Ports	1 x FXS port, 1 x USB 3.0 port
Max Connected Devices	Up to 128
Dimensions (L x W x H)	23.44 x 24.49 x 5.54 cm
Weight	920 g
Operating System	RouterOS
Special Features	QoS, Dual-Band, IPv6 Support

## 10. WARRANTY AND SUPPORT

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For warranty information, please refer to the warranty card included in your product package or visit the official D-Link website.

If you require technical assistance or have questions about your D-Link DWR 2000M router, please contact D-Link customer support through their official website or the contact details provided in your product documentation.

- **Online Support:** Visit [www.dlink.com/support](http://www.dlink.com/support) for FAQs, firmware downloads, and support resources.
- **Phone Support:** Refer to your regional D-Link website for local support numbers.