

How to set up and install my DWR-BE7200G 5G Wi-Fi 7 Router using Nano SIM

This guide will help you set up your DWR-BE7200 5G Wi-Fi 7 Router using a Nano SIM in just a few steps.

1 Insert Nano SIM to the DWR-2000M.

- Insert your **Nano SIM** card into the SIM slot on the router. Use the diagram near the slot as a guide. Push it in gently until you hear a clicking sound
- Place the router near a window so it can get a better signal from the cell tower. Avoid placing it in shelves / enclosed spaces, or in a spot where LTE / 5G reception is weak.
- Once the SIM card is in place and the router is positioned properly, plug in the power adapter and switch the device on. Wait a minute or two for the boot up process

2 Check Network Signal

- By default, the router should automatically detect and apply the APN settings of your SIM card carrier card.
- Check the 4G/5G LED indicators on the router.

LED Color	Signal Strength
Green	Strong
Blue	Medium
Yellow	Weak
Off	No Signal

- If signal is weak, try moving the router close to a window or an elevated placement to get a better LTE / 5G reception.

3 Connect to the Router.

- Connect your PC / Laptop to DWR-2000M either Wi-Fi or Ethernet. The default Wi-Fi network name (**SSID**) is DLink2G-XXXX and DLink5G-XXXX, with the password printed on the product label
- Once connected, open a web browser and type in <https://192.168.0.1> on the address bar and hit enter.

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- You will be prompted to enter the Username and Password to access the router's settings.
Note: The default Username and Password are printed on the router's label at the bottom
- Click **Login** to proceed.



Note: If you have changed the password and cannot remember it, you will need to perform a hard reset on the router

4 Run the set-up wizard

- Once logged in, you will be prompted to run a set up wizard.
- Create New login password** and **Re-enter password**. (between 10 and 12 characters and must not be a common word). Once field is filled, click **Continue** to proceed.



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- Enable **Mobile Data**, select your preferred **Network Type** (*recommended 5G/4G/3G*), set 5G Mode to **SA+NSA**. Click the **Continue** button to proceed, or **Back/Exit** to take a step back or cancel.

The screenshot shows the 'Mobile Data' configuration page in the D-Link router's web interface. At the top, there is a navigation bar with tabs for 'Wireless', 'Network', 'WLAN', 'Guide', and 'Tools'. The 'Network' tab is selected. Below the navigation bar, the 'Mobile Data' toggle switch is turned on. Underneath, the 'Network Type' dropdown menu is set to '5G/4G/3G', and the '5G Mode' dropdown menu is set to 'SA+NSA'. At the bottom of the page, there are three buttons: 'Exit', '< Back', and 'Continue'.

- In the **WLAN** page, set the **SSID**, **Security type**, and **Password** for both **2.4Ghz** and **5Ghz** networks, then click **Continue** to proceed.

The screenshot shows the 'WLAN' configuration page in the D-Link router's web interface. At the top, there is a navigation bar with tabs for 'Wireless', 'Network', 'WLAN', 'Guide', and 'Tools'. The 'WLAN' tab is selected. Below the navigation bar, the 'WLAN' toggle switch is turned on. Underneath, there are two sections for configuring the 2.4GHz and 5GHz networks. Each section has a dropdown menu for 'SSID' (set to 'D-Link-XXXX'), a dropdown menu for 'Security' (set to 'WPA2-Personal'), and a text field for 'Password'. At the bottom of the page, there are three buttons: 'Exit', '< Back', and 'Continue'.

It is recommended not to place a wireless router near a microwave oven, cordless home phone, baby monitor, Bluetooth device (such as headset or Bluetooth keyboard or mouse), and any other wireless networking device.

The following diagram shows the recommended placement for a wireless router:

- Microwave Oven
- Cordless telephone
- Baby monitor
- Bluetooth device
- Other wireless

- Click **Confirm** to complete the set-up wizard



- Reconnect to your Wi-Fi and test the connection or go back to the admin page if you still need to finish setting things up or adjust more settings.

5 Configure APN settings manually (If auto-detection fails)

- Click **Mobile** tab at the top, then select **APN** from the left-hand menu
- Click **Add** to create a new APN profile



- APN:** Enter the correct APN based on your SIM carrier
- Authentication Type:** Select PAP/CHAP
- Username and Password:** Leave blank unless required
- Keep the rest of the settings as they are (default)
- Click **Save**.

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D-Link Setup

Home | Wizard | Log out

Router | Internet | Log Setup | **Mobile** | Clients | Tools

Quick Setup

APN

APNs are usually provided by network operators and each operator has its own APN settings. When you need to access the Internet using a mobile network, you should specify the correct APN information, otherwise it may not be able to establish a connection or use network services normally.

APN: [] 1

MCC: 00

MNC: 00

Authentication Type: None 4

Username: []

Password: []

IP Type: IPv4/IPv6

Roaming Protocol: IPv4/IPv6

Cancel Test 5

Select	APN	MCC/MNC	Authentication Type	Username/Password	IP Type	Roaming Protocol	Operate
<input type="radio"/>	SMART(BRO)	515_03	None		IPv4/IPv6	IPv4/IPv6	
<input checked="" type="radio"/>	internet	515_03	None		IPv4/IPv6	IPv4/IPv6	

[+ Add Apn](#)

- Make sure the newly created APN profile is selected.

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