WAVLINK

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QUICK START GUIDE

N300 4G WiFi Router

www.wavlink.com/en_us/WL-WN529E4

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WL-WN529E4

WAVLINK (@WavlinkOfficial)
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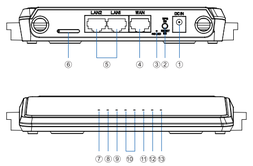
Overview



① DC Power Input Port
② RESET/WPS Button
③ 4G LED
④ WAN Port
⑤ LAN Port
⑥ Built-in SIM Card Slot
⑦ Power LED
⑧ WiFi LED
⑨ WAN LED
⑩ LAN LED
⑪ Internet LED
⑫ SYS LED
⑬ WPS LED

Reset: press and hold RESET button for 6-8 seconds.
WPS: press and hold WPS button for 2 seconds.

LED Indicator

LED	Status	Indication
WiFi LED	On	The Wi-Fi has been activated and is working normally
Internet LED	Solid On	Internet is connected
	Flashing	The WAN port has been connected but no internet access ; The 4G network is connected but no Internet access
	Off	Internet is not connected
SYS LED	On	System is starting up
WPS LED	Flashing	The WPS process is activated
	Off	The WPS process is completed or inactivated
4G LED	Flashing Slowly	SIM card is not detected
	Flashing Rapidly	SIM card is detected

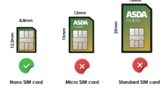
Basic Info

Default IP: 192.168.40.1
Login: http://wavlogin.link
Default Password: admin
2.4G SSID: WAVLINK-N_XXXX
Official Website: www.wavlink.com
Technical Support: support@wavlink.com

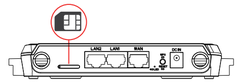
4G LTE Mode Configuration

1.Hardware Connection

1.1 Position all antennas upwards.
1.2 Prepare a compatible Nano SIM card in advance.



1.3 Place the SIM card correctly in the provided SIM card adapter with the gold contacts facing down. Then gently insert it into the slot on the back of the router until it snaps into place.



1.4 Connect the power adapter to the router.
1.5 Check the LED's Status.

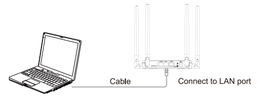
4G LED:
If the green **4G LED** on the back blinks quickly, it indicates the SIM card was successfully detected.
If it is flashing slowly, the SIM card has not been detected, please reboot the router and properly reinsert the SIM card.
Internet LED:
If the **Internet LED** is solid on, the 4G network is connected to the internet successfully

2. Connect to the Internet

2.1 Wireless connection
To join Wi-Fi, the default SSID (Wi-Fi name) could be found on the label where it is at the bottom of the router.

2.2 Wired connection

Connect your computer to the LAN port of the router via an Ethernet cable.



3. Set up the 4G network

3.1 Connect the router via its Wi-Fi or an Ethernet cable.
3.2 Launch browser and enter the URL http://wavlogin.link or default IP **192.168.40.1** in the URL bar. The default login password is **admin**.

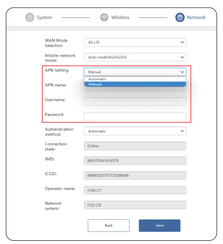
3.3 After logging in, select **Country/Region** and **Time Zone**, create a **New Login Password**. Click **Next** to continue.

3.4 Customize the Wi-Fi **SSID**, **Encryption Method** and Wi-Fi **Password**. Click **Next** to continue

3.5 At the Network page, choose **4G LTE** for **WAN Mode Selection** , the system automatically identifies and displays the SIM card information.

Note:
For most service providers 4G Router will auto detect APN settings but in some rare occasions you will need to configure APN settings before you can access the Internet. You must get the APN (Access Point Name) settings from your Mobile Service Provider before doing this.

Solution: Set the APN manually
Please select **MANUAL** to manually enter **APN Settings**, including **APN Name**, **User Name**, **Password**, and **Authorization** information.



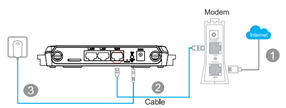
3.6 Click **Save** to complete the settings.
3.7 Join the new Wi-Fi after setting.

Router Mode Configuration

The 4G LTE router can not only act as a 4G LTE router, but also operate as a common home router.

Hardware Connection

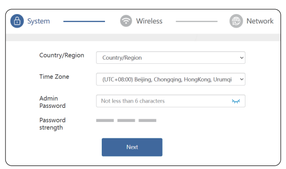
1. Power on your modem.
2. Connect the WAN port of the router to the Modem's LAN port with an Ethernet cable.
3. Connect your WAVLINK router via its Wi-Fi or an Ethernet cable.
4. Plug the provided Power Adapter into the Power jack and the other end to a standard electrical wall socket. Press the On/Off button to power on the Router



Set up the Router

1. Connect the router via its Wi-Fi or an Ethernet cable.
2. Launch browser and enter the URL http://wavlogin.link or default IP 192.168.40.1 in the URL bar. The default login password is admin

3.After logging in, select **Country/Region** and **Time Zone**, create a **New Login Password**. Click **Next** to continue.



4. Customize the Wi-Fi **SSID, Encryption Method** and Wi-Fi **Password**. Click **Next** to continue

5. At the **Network** page, Choose **WAN Ethernet** for **WAN Mode Selection**, and Select **DHCP/Static IP/PPPoE** for **WAN (Ethernet) Type.**

Note:
Which **WAN (Ethernet) Mode** should I choose?
If you use DSL line and you are only provided an account name and a password by your ISP (Internet Service Provider), please choose **PPPoE**. If you use cable TV or fiber cable, please choose **DHCP (Dynamic IP).**

6. Click **Save** to complete the settings.
7. Join the new Wi-Fi after setting.

FAQ

Q1. SIM card cannot be detected
Potential cause:
1.SIM card is not matched or destroyed.
2.SIM card slot issue on router.
Troubleshooting:
1.Ensure that the SIM card is correctly installed and that it has good contact with the SIM card slot.
2.Try another SIM card.
3.Turn off the WAVLINK router, then remove the SIM card and clean it using a soft cloth or rubber cleaning card. Insert the SIM card into the slot in the correct direction. Turn on the WAVLINK router and try again.

Q2. No internet access when SIM card is detected
Potential cause:
1.The default APN profile of the router does not match the SIM card.
2.The SIM card is bound to the IMEI of a specific device.
3.Weak network signal or damaged LTE antenna.
4.The SIM card may be overdue on payment or have no data plan.
5.The supported band of the SIM card does not match the router.
Troubleshooting:
1.Get the APN (Access Point Name) settings from your Mobile Service Provider or insert the same SIM card into your phone and find APN settings from phone. Then log into the web-base setup page of the router and select MANUAL to manually enter APN Settings, including APN Name, User Name, Password, and Authorization information.

2.Remove the IMEI binding with your SIM card carrier.
3.Relocate the router in a suitable place to get better 4G signal.
Note: If you know the band of your SIM card , please choose the exact band to get a good connection.

4.Please check with your carrier which network type and bands are supported by your SIM card.

LTE Frequency Bands EU Version	LTE-FDD: B1/B3/B7/B8/B20/B28A
	LTE-TDD: B38/B40/B41
	WCDMA: B1/B8
	GSM/EDGE: B3/B8

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WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

名称：WN529E4说明书WAVLINK-E4	
成品尺寸：85x125 mm	展开尺寸：595x125 mm
材质工艺：105g铜版纸+四色印刷，正反印，风琴折	
制作时间：2023.09.26	制图：冯景祥
修改记录：2022.12.01 更新说明书风格 冯景祥 2022.07.12 更新02~10页内容 冯景祥 2023.09.26 更新02~11页内容 冯景祥	