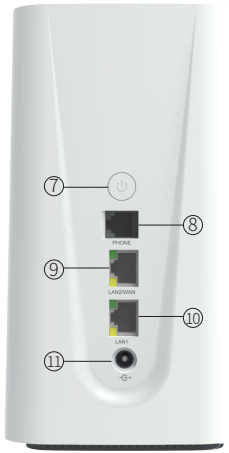
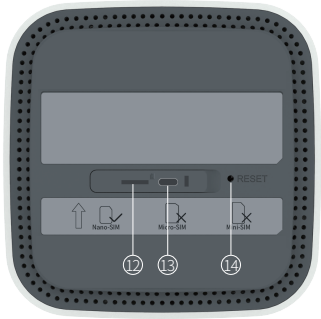
Four-Faith®

5G CPE

Description of 5G CPE Ports and Indicators

1. 5G CPE Interfaces(F-NR300/F-NR300 V2)





2. Indicator Description

Indicator	Name	Description
①	Cellular Network Indicator	1) Blue, signal value RSRP≥ -95dBm 2) Yellow, signal value RSRP < -95dBm
② 5G	5G Indicator	1) On, Connect to 5G network 2) Off, Disconnect with 5G network 3) Blink, dialing, blink frequency 500ms/time
③ 4G	4G Indicator	1) On, Connect to 4G network 2) Off, Disconnect with 4G network 3) Blink, dialing, blink frequency 500ms/time
④	WIFI Indicator	1) On, WIFI on 2) Blink: After press the WPS button, 500ms/time, continue 2 minutes 3) Off, WIFI off
⑤	Power Indicator	1) On, Power on 2) Off, Power off

3.Interfaces Description

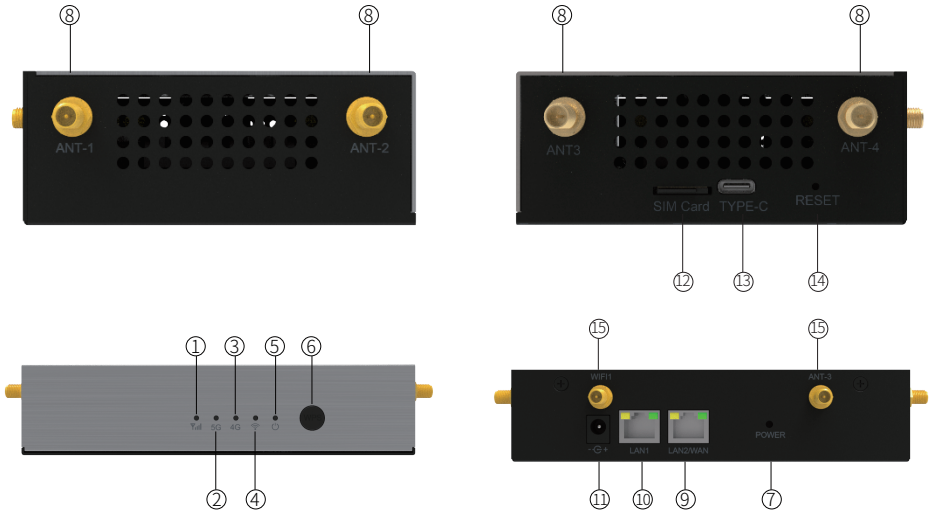
Interfaces	Name	Description
⑧ PHONE (Optional)	Phone Port	Phone RJ11 port, can directly connect the phone to make calls
⑨ LAN2/WAN	Ethernet Port	1) Indicator is green and steady on, it is connected 2) Indicator is yellow and blinking, data is transmitt or receive
⑩ LAN1	Ethernet Port	1) Indicator is green and steady on, it is connected 2) Indicator is yellow and blinking, data is transmitt or receive
⑪ -⊖+	Power	DC 12V/3A
⑫ SIM Card	Nano-SIM Card Slot	Insert the Nano-SIM card
⑬ Type C	Type-C Port	The type-c interface is used only R&D personnel testing

4.Button Description

Button	Description
⑥ WPS	1) After the button is pressed, the WiFi indicator light will blink 500ms/time for 2 minutes. 2) The user terminal can quickly establish a secure WIFI connection without manually entering a password
⑦ ⏻	1) After the button is pressed, the WiFi indicator light will blink 500ms/time for 2 minutes. 2) After Devices Shutdown: Plug and unplug the power supply, it will automically turn on. 3) After Shutdown: Long press the power button for 3s, turn on the device.
⑭ • RESET	Press and hold the button for more than 10 seconds to reset to the factory setting.

Description of 5G CPE Ports and Indicators

1. 5G CPE Interfaces(FNB310)



2. Indicator Description

Indicator	Name	Description
①	Cellular Network Indicator	1) Blue, signal value RSRP≥ -95dBm 2) Yellow, signal value RSRP < -95dBm 3) No light, means no signal or no insert the SIM card
② 5G	5G Indicator	1) On, Connect to 5G network 2) Off, Disconnect with 5G network 3) Blink, dialing, blink frequency 500ms/time
③ 4G	4G Indicator	1) On, Connect to 4G network 2) Off, Disconnect with 4G network 3) Blink, dialing, blink frequency 500ms/time
④	WIFI Indicator	1) On, WIFI on 2) Blink: After press the WPS button, 500ms/time, continue 2 minutes 3) Off, WIFI off
⑤	Power Indicator	1) On, Power on 2) Off, Power off

3.Interfaces Description

Interfaces	Name	Description
⑨ LAN2/WAN	Ethernet Port	1) Indicator is green and steady on, it is connected 2) Indicator is yellow and blinking, data is transmitt or receive
⑩ LAN1	Ethernet Port	1) Indicator is green and steady on, it is connected 2) Indicator is yellow and blinking, data is transmitt or receive
⑪ -⊖+	Power	DC 12V/3A
SIM Card ⑫	Nano-SIM Card Slot	Insert the Nano-SIM card
Type C ⑬	Type-C Port	The type-c interface is used only R&D personnel testing
5G/4G ⑧ Antenna Interface	SMA Female	Install 5G/4G antenna
WiFi ⑮ Antenna Interface	SMA Male	Install WiFi antenna

4.Button Description

Button	Description
WPS ⑥	1) After the button is pressed, the WiFi indicator light will blink 500ms/time for 2 minutes. 2) The user terminal can quickly establish a secure WIFI connection without manually entering a password
● POWER ⑦	1) After the button is pressed, the WiFi indicator light will blink 500ms/time for 2 minutes. 2) After Devices Shutdown: Plug and unplug the power supply, it will automically turn on. 3) After Shutdown: Long press the power button for 3s, turn on the device.
● RESET ⑭	Press and hold the button for more than 10 seconds to reset to the factory setting.

Set up SIM Card or Wired Broadband Internet Access

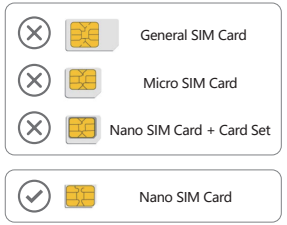
Can choose SIM card or wired broadband connect to network
FNB310 requires the antenna to be installed first

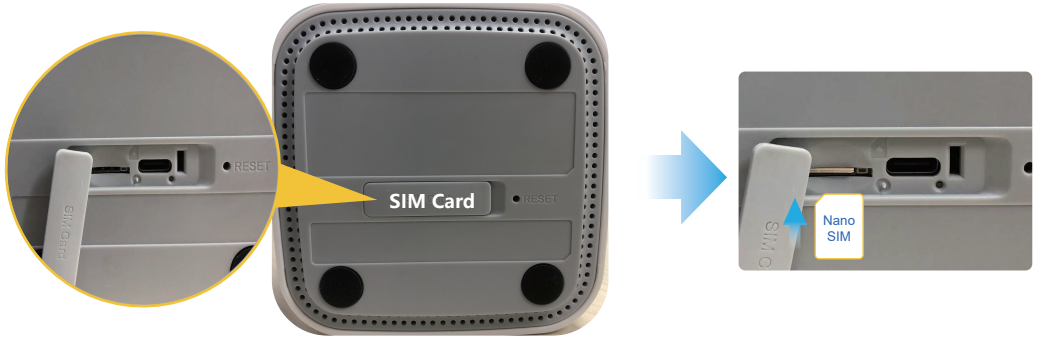
SIM Card

F-NR300/F-NR300 V2:

Step 1 :

Insert SIM card direction shown as below (Chip face down, notch face in).



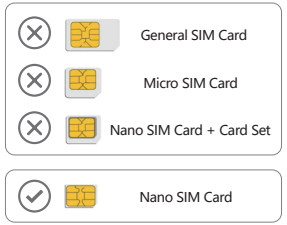


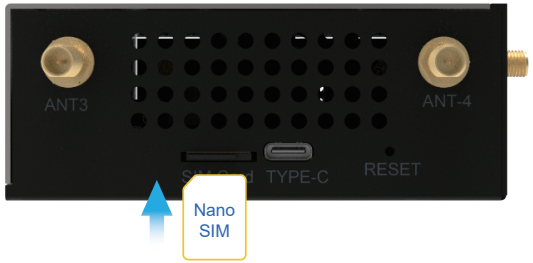
SIM Card

FNB310:

Step 1 :

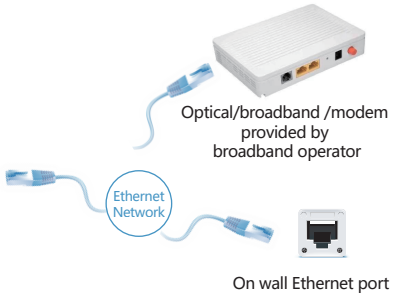
Insert SIM card direction shown as below (Chip face down, notch face in).





Wired Boardband Network

Step 1:
Network cables can only be connected to LAN2/WAN network ports.



Step 2:
Connect the power supply, the device will turn on automatically.

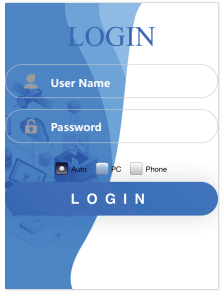
Step 3: Connect to network devices

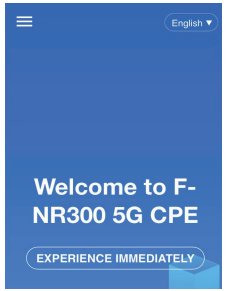
Mobile phones, tablets and other devices are connected to 5G CPE wireless networks.

The desktop computer is connected to the LAN port 5G CPE through a network cable.

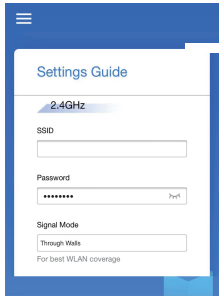
Step 4: Open the browser, and the page is automatically displayed. (If no, manually enter 192.168.1.1)

Default Account: admin
Default Password: admin

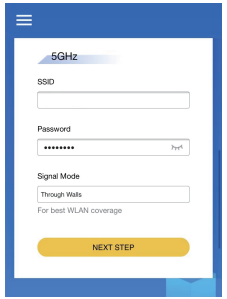




Step 5: Setting the user name and password for the WLAN



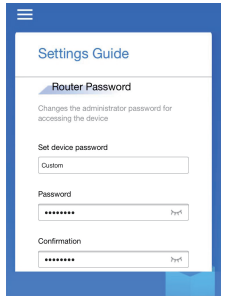
2.4GHz

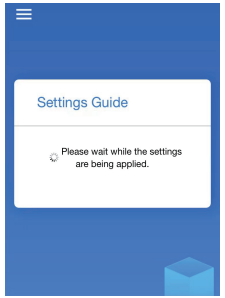


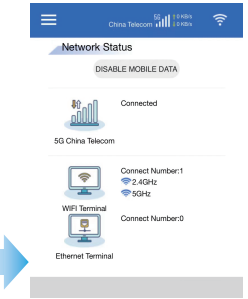
5GHz

Step 6: Set the password for logging in to the host

After the application setting is complete, the login page will be displayed.
Enter the password of the new account and click login.

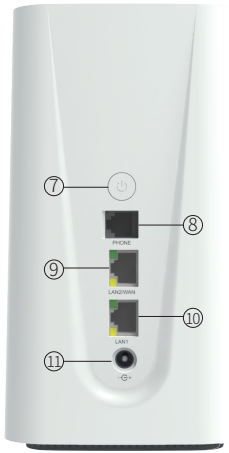


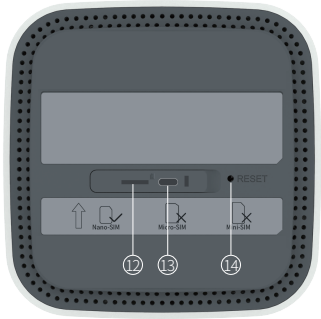




5G CPE接口及指示灯说明

1.5G CPE接口(F-NR300/F-NR300 V2)





2 指示灯功能说明

指示灯	名称	定义说明
①	蜂窝信号指示灯	蜂窝信号指示灯 1) 蓝色，则表示信号值大于RSRP≥-95dBm； 2) 黄色，则表示信号值RSRP<-95dBm； 3) 不亮，则表示无信号或未插SIM卡
② 5G	连接5G指示灯	连接上5G网络----------蓝色 1) 常亮，则表示连接上5G网络； 2) 不亮，则表示没有连接上网络； 3) 闪烁，表示在拨号；闪烁频次500ms/次
③ 4G	连接4G指示灯	连接上3G/4G网络--------蓝色 1) 常亮，则表示连接上3G/4G网络； 2) 不亮，则表示没有连接上网络； 3) 闪烁，表示在拨号；闪烁频次500ms/次
④	WiFi指示灯	WiFi信号指示灯----------蓝色 1) 常亮，则表示开启； 2) 闪烁：按下WPS键后，500ms/次，持续2分钟 3) 不亮，则表示没有开启；
⑤	电源指示灯	电源指示灯----------蓝色 1) 常亮，则表示电源正常； 2) 不亮，则表示电源异常；

3 按钮功能说明

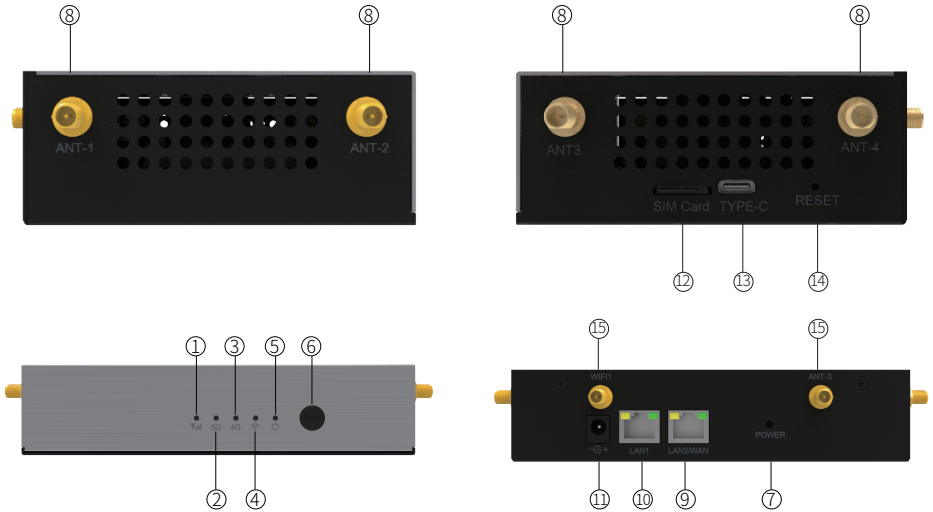
按钮	定义说明
WPS ⑥	1、按下该按钮后，WiFi指示灯会闪烁，500ms/次，持续2分钟　2、外设可不需要密码直接连接WiFi
⑦	1、默认开机：长按电源键3s左右可关机　2、关机后：充电插拔电源，则自动开机　3、关机后：长按电源键3s左右，可开机
• RESET ⑭	按住按钮后10S，参数恢复出厂设置

4 接口定义说明

接口	名称	定义说明
⑧ PHONE	电话接口	电话RJ11接口 可直接连接话机拨打电话
⑨ LAN2/WAN	以太网口	1、接口绿色指示灯常亮 则说明连接正常 2、接口黄色指示灯闪烁 则说明有数据收发
⑩ LAN1	以太网口	1、接口绿色指示灯常亮 则说明连接正常 2、接口黄色指示灯闪烁 则说明有数据收发
⑪ -⊖+	电源接口	DC 12V/3A
⑫ SIM Card	Nano-SIM卡座	安装Nano-SIM卡
⑬ USB接口	Type-C接口	Type-C接口仅用于研发人员调试

5G CPE接口及指示灯说明

1.5G CPE接口(FNB310)



2 指示灯功能说明

指示灯	名称	定义说明
①	蜂窝信号指示灯	蜂窝信号指示灯 1) 蓝色，则表示信号值大于RSRP≥-95dBm； 2) 黄色，则表示信号值RSRP<-95dBm； 3) 不亮，则表示无信号或未插SIM卡
② 5G	连接5G指示灯	连接上5G网络----------蓝色 1) 常亮，则表示连接上5G网络； 2) 不亮，则表示没有连接上网络； 3) 闪烁，表示在拨号；闪烁频次500ms/次
③ 4G	连接4G指示灯	连接上3G/4G网络--------蓝色 1) 常亮，则表示连接上3G/4G网络； 2) 不亮，则表示没有连接上网络； 3) 闪烁，表示在拨号；闪烁频次500ms/次
④	WiFi指示灯	WiFi信号指示灯----------蓝色 1) 常亮，则表示开启； 2) 闪烁：按下WPS键后，500ms/次，持续2分钟 3) 不亮，则表示没有开启；
⑤	电源指示灯	电源指示灯----------蓝色 1) 常亮，则表示电源正常； 2) 不亮，则表示电源异常；

3 按钮功能说明

按钮	定义说明
WPS ⑥	1、按下该按钮后，WiFi指示灯会闪烁，500ms/次，持续2分钟　2、外设可不需要密码直接连接WiFi
• POWER ⑦	1、默认开机：长按电源键3s左右可关机　2、关机后：充电插拔电源，则自动开机　3、关机后：长按电源键3s左右，可开机
• RESET ⑭	按住按钮后10S，参数恢复出厂设置

4 接口定义说明

接口	名称	定义说明
⑨ LAN2/WAN	以太网口	1、接口绿色指示灯常亮则说明连接正常 2、接口黄色指示灯闪烁则说明有数据收发
⑩ LAN1	以太网口	1、接口绿色指示灯常亮则说明连接正常 2、接口黄色指示灯闪烁则说明有数据收发
-⊖+ ⑪	电源接口	DC 12V/3A
⑫ SIM Card	Nano-SIM卡座	安装Nano-SIM卡
⑬ USB接口	Type-C接口	Type-C接口仅用于研发人员调试
5G/4G天线接口 ⑧	SMA母头	安装5G/4G天线
WIFI天线接口 ⑮	SMA公头	安装WIFI天线

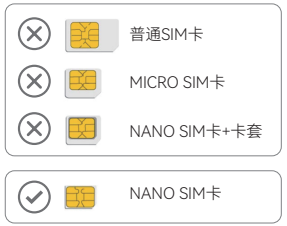
◆ 设置SIM卡或者有线宽带上网

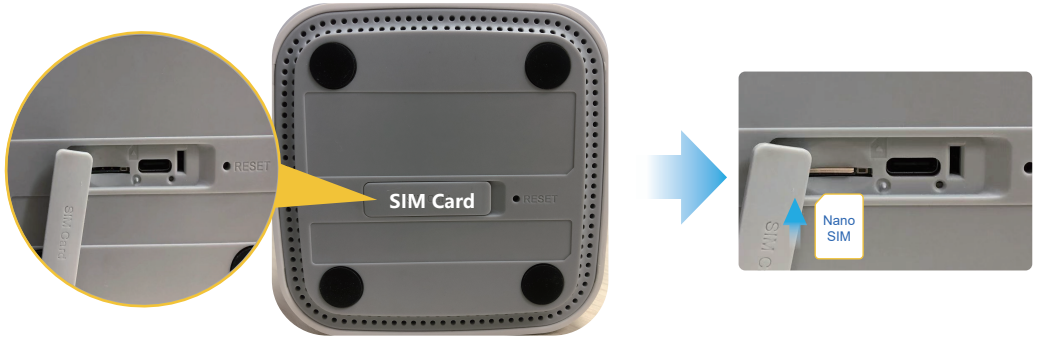
可单独选择SIM卡上网或者有线宽带上网
FNB310须事先安装好天线

SIM 卡上网

F-NR300/F-NR300 V2:

步骤一:
按图示方向插入SIM卡（芯片朝下，缺口朝里）

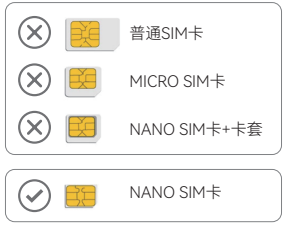


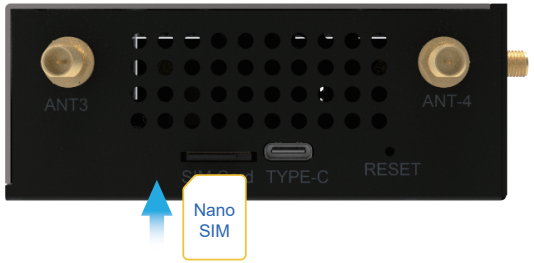


SIM 卡上网

FNB310:

步骤一:
按图示方向插入SIM卡（芯片朝下，缺口朝里）





有线上网

步骤一：网线只能插LAN2/WAN网口

步骤二：接通电源，设备自动开机

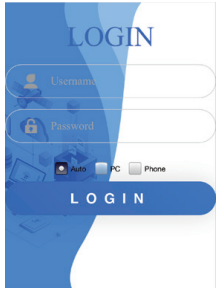
步骤三：连接上网设备

手机、平板等设备连接四信5G CPE的无线网络

台式电脑通过网线连接到四信5G CPE的LAN口

步骤四：打开浏览器，页面自动跳转到设置向导。（若未跳转，请手动输入：192.168.1.1）

初始账号：admin
初始密码：admin



步骤五：设置WLAN的用户名和密码

2.4GHz

5GHz

步骤六：设置主机设备登录密码

应用设置完成后，页面跳转到登陆界面，输入新设置账号密码，点击登陆。
完成配置！