

How to set up your Internet connection.

Prerequisites:

1. The [Connected] service completion email from LIMITLESS CONNECT.
2. The modem router from LIMITLESS CONNECT,
or your own modem router,
or a computer/laptop with Network Interface Card.

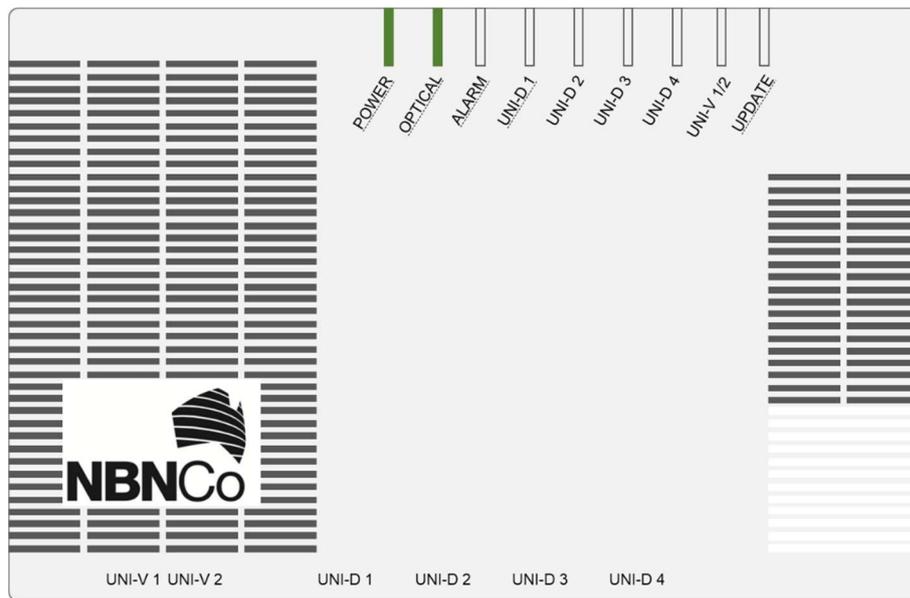
Step 1 Find out your access technology

There are 4 access technologies used on our carriers' networks. The technology type can be found in our [Connected] service completion email or can be identified by using the following information.

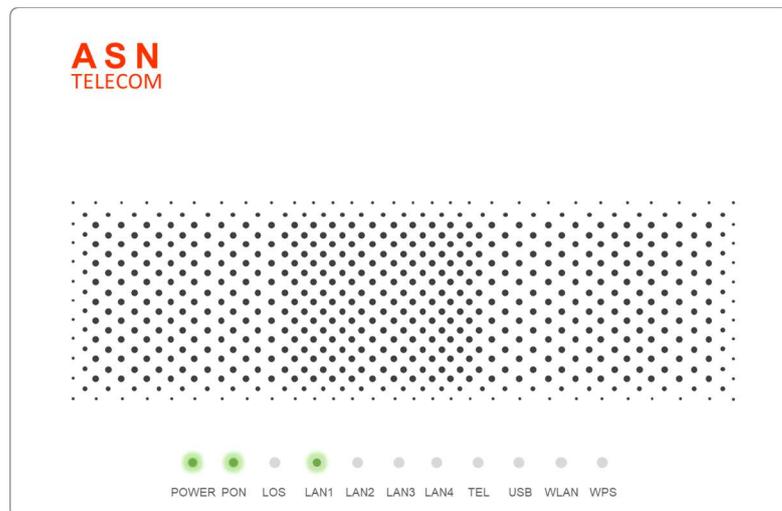
- a. FTTP - GPON (Fibre-to-the-Premise Gigabit Passive Optical Network)

FTTP is the technology that connects your premise directly to the fibre networks. A fibre box (or NTD Network Termination Device) can be found in your premise, which is normally located in the communications cabinet next to the electrical cabinet. If you live in a house/town house, it is normally located in your garage. If you live in an apartment, the communications cabinet is usually installed close to the front door or in the kitchen.

An NTD looks like a box shown in the following pictures. Please be aware that the white or yellow patch lead that goes to the NTD is a fibre cable, which is very fragile, please do not move the cable.



NTD for NBNCo. sites



NTD for ASN Telecom's sites

b. FTTB - Ethernet (Fibre-to-the-Building Ethernet)

If your premise is connected by FTTB Ethernet technology, there is no active NTD (Network Termination Device) installed in your premise. The active equipment from the carrier is installed in the basement of your apartment building or in the street cabinet close to your house. The Internet service is delivered through an Ethernet lead-in cable, which is terminated in the communications cabinet in your premise. If you can only find the following cable in your premise, this usually means your premise is connected by FTTB Ethernet technology.



Ethernet cable

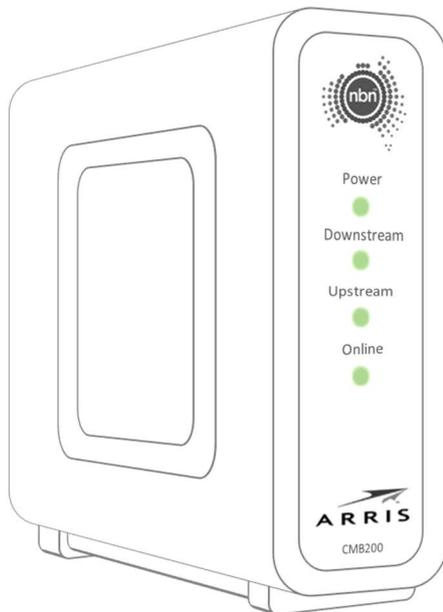


Wall data outlet

This lead-in cable is then connected to your home network and the link is eventually terminated to one of the wall data outlets in your premise. Please be aware this outlet is different from the telephone outlet. Only the ones that fit the Ethernet cable are the wall data outlets.

c. HFC (Hybrid Fibre Coaxial)

HFC is widely used on NBNS's networks. If you can find a device like the one shown in the picture below, your house is connected by HFC technology. This device is a HFC modem, which connects to your TV outlet through a coaxial cable.



NBNS HFC NTD

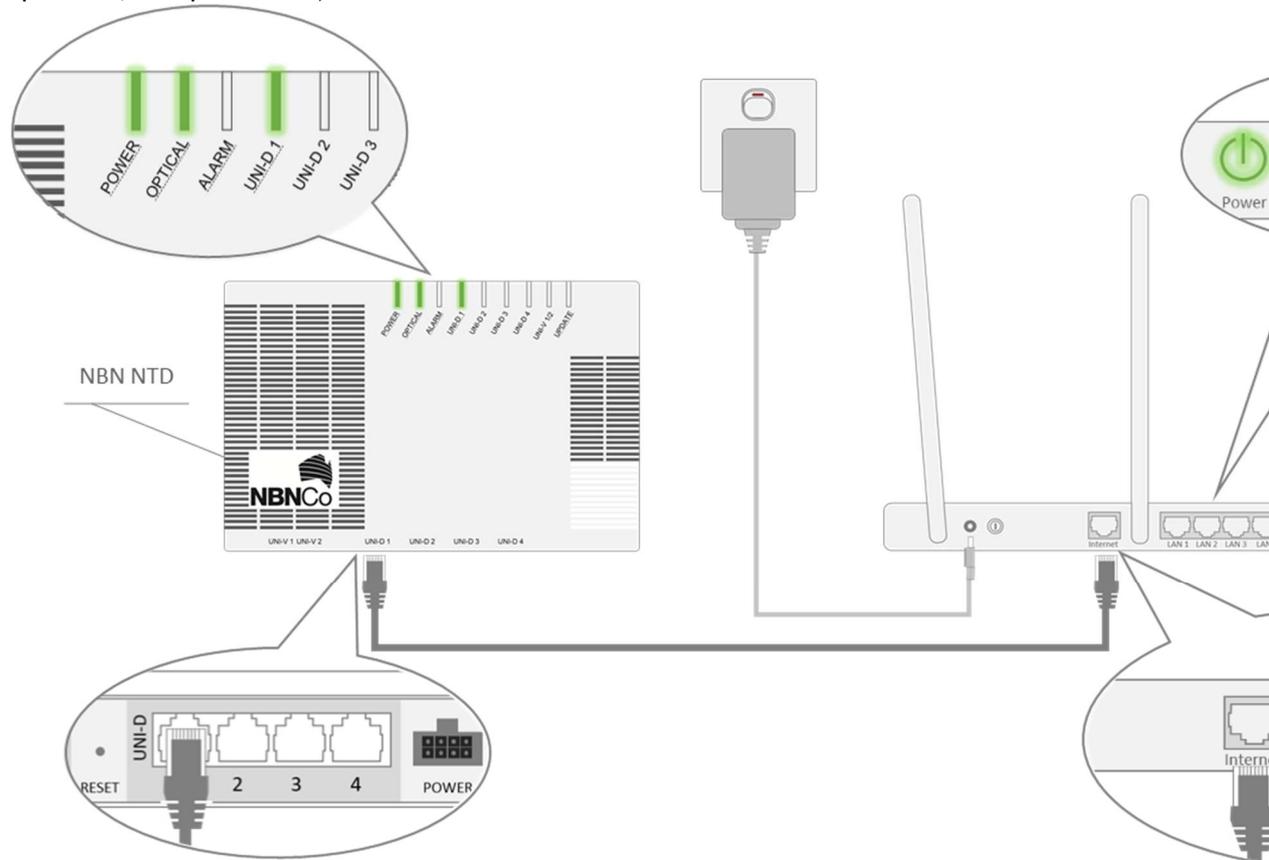


Coaxial cable

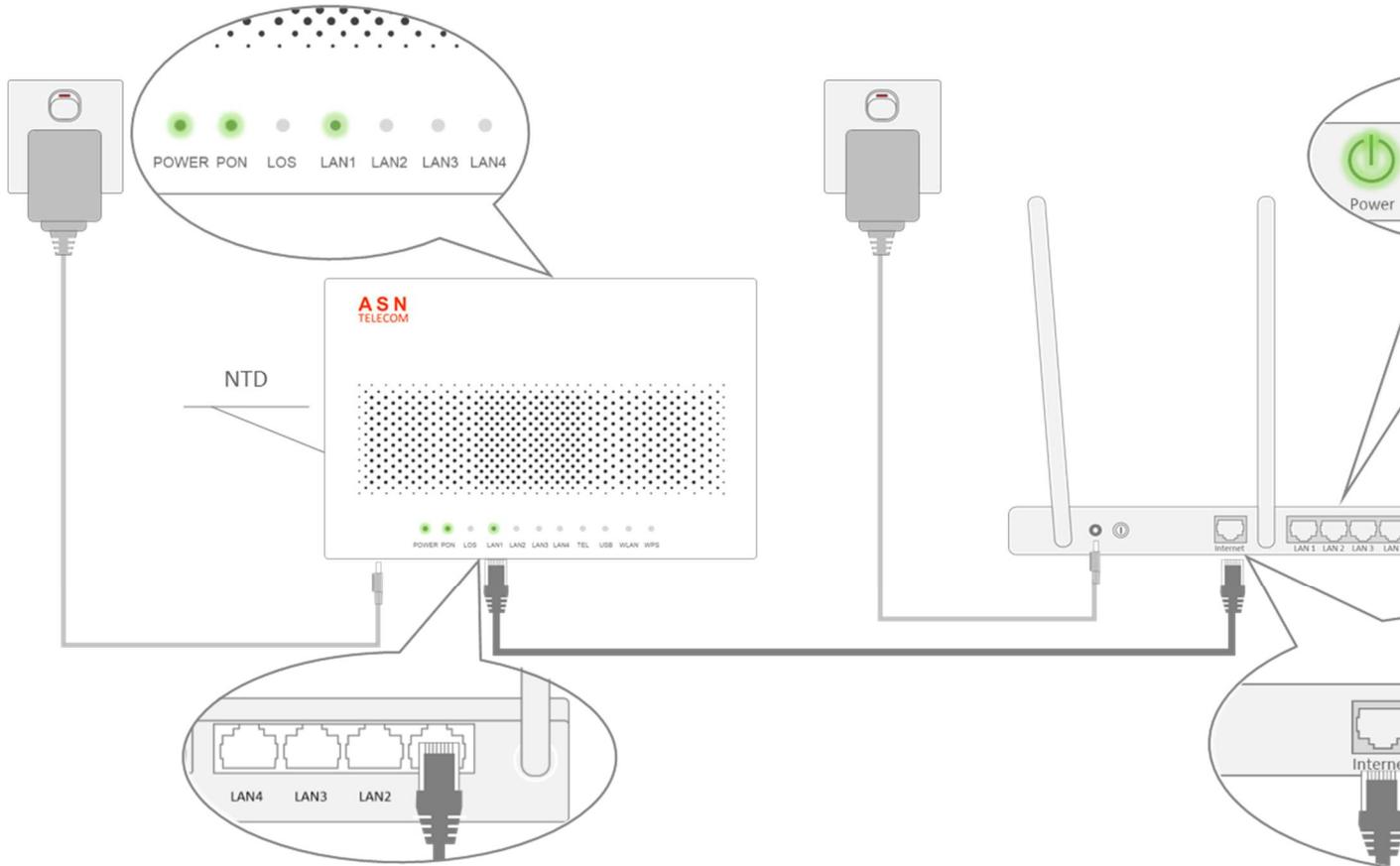
Step 2 Connect your modem router / Computer

a. FTTP - GPON

Please connect the WAN/Internet port on your modem router to LAN port (if not specified, it is port LAN 1) of the carrier's NTD

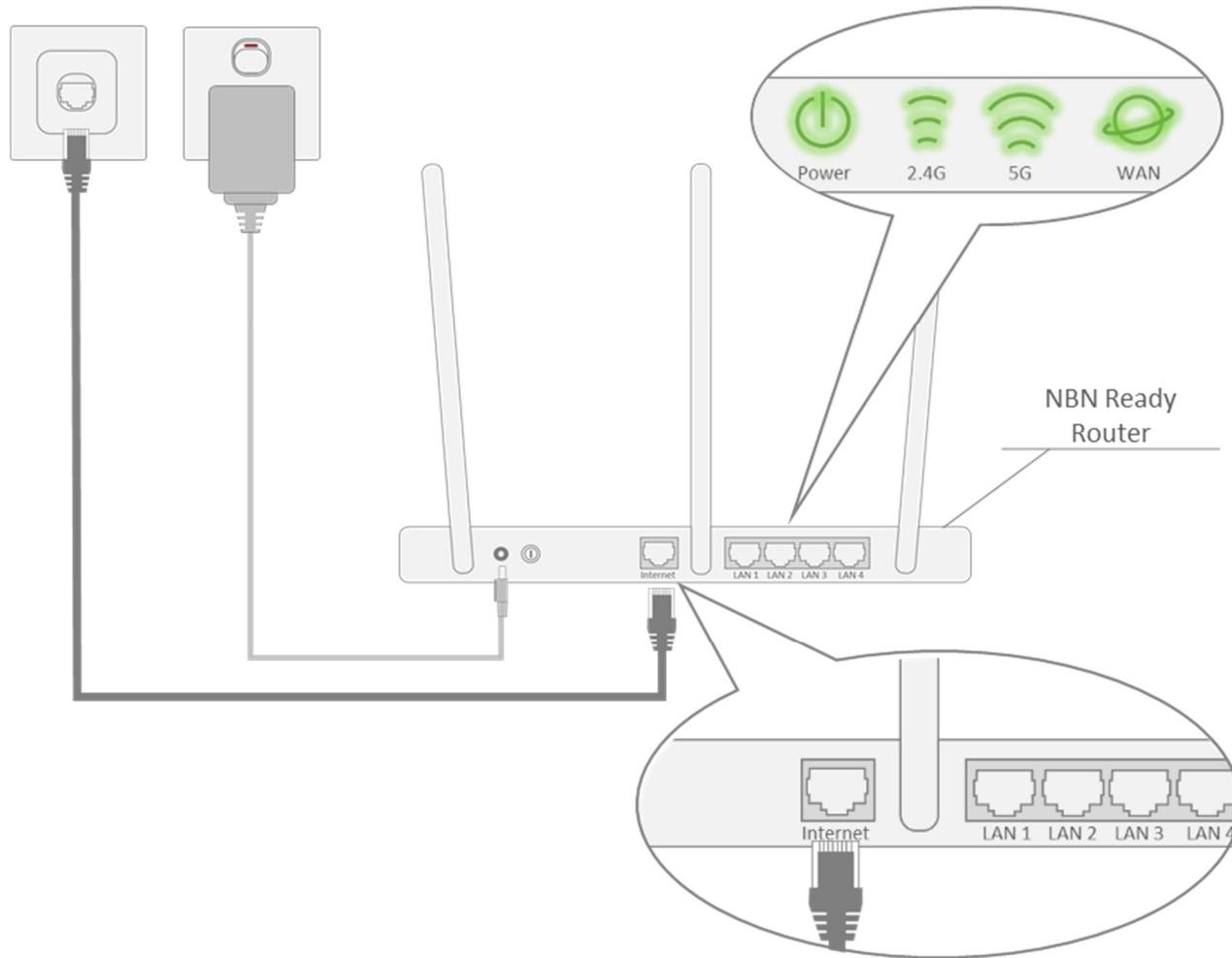


NBNCo sites

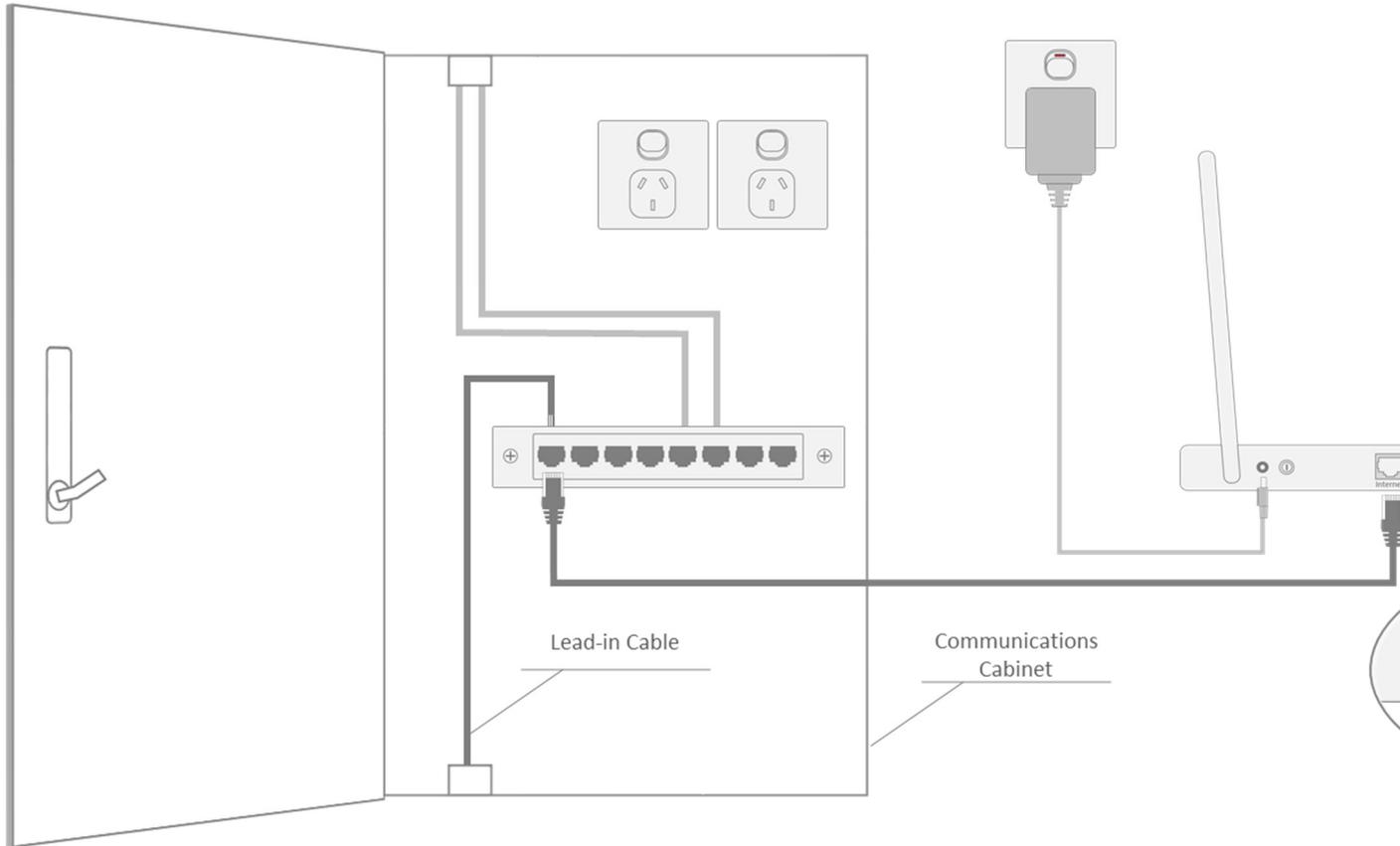


ASN Telecom's sites

b. FTTB - Ethernet

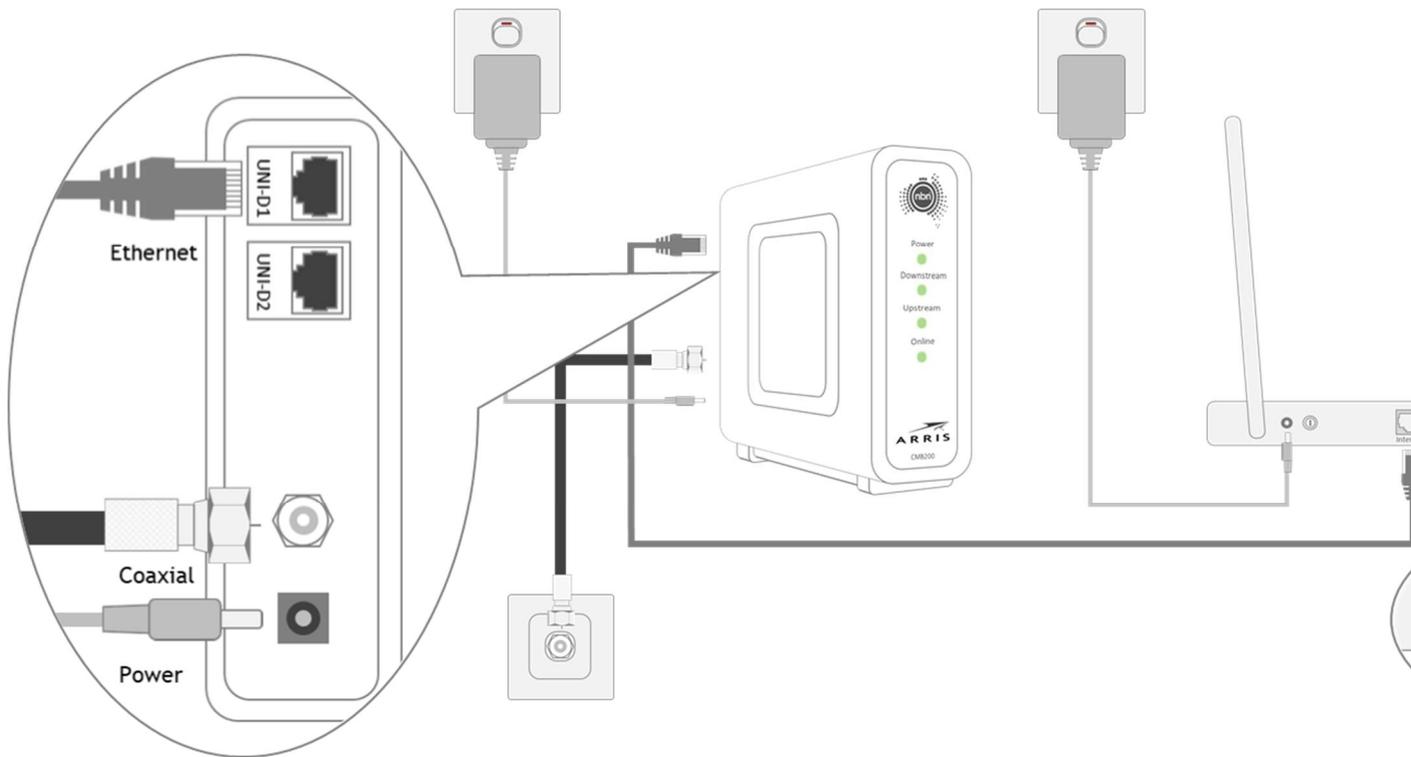


Connection terminated to the wall data outlet



Connection terminated to the communications cabinet

c. HFC



Connect to an HFC modem

Step 3 Set up your modem router / Computer/Laptop

a. Modem router

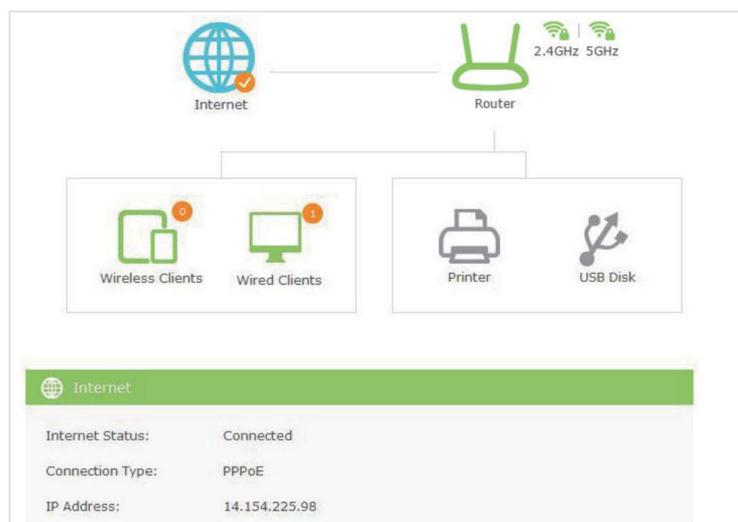
If you've received a modem router from LIMITLESS CONNECT, just turn its power on, plug it in following the instructions in Step 2, wait for 5 minutes and your Internet is ready to go.

If you are using your own modem router, please follow the manufacturer's instructions to configure your router. Here is an example for a TP-Link router.

1. Connect to your modem router via WiFi using the printed password on the router.
2. Visit <http://tplinkwifi.net>, and log in with the username and password you set for the router.
3. Go to Basic > Internet.
4. Select your Internet connection type from the drop-down list.
5. Choose PPPoE, enter the username and password provided by LIMITLESS CONNECT in the connection completion email.



6. Click Save. To check your Internet connection, click Network Map on the left of the page.
7. After the connection succeeds, the screen will display as follows. Here we take PPPoE as an example.

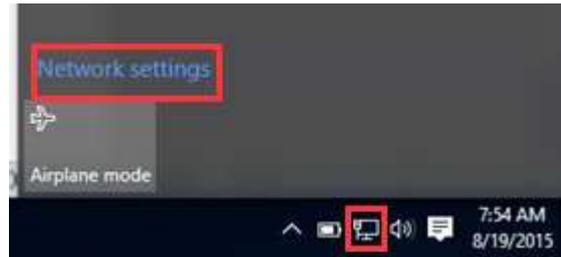


b. Computer/Laptop

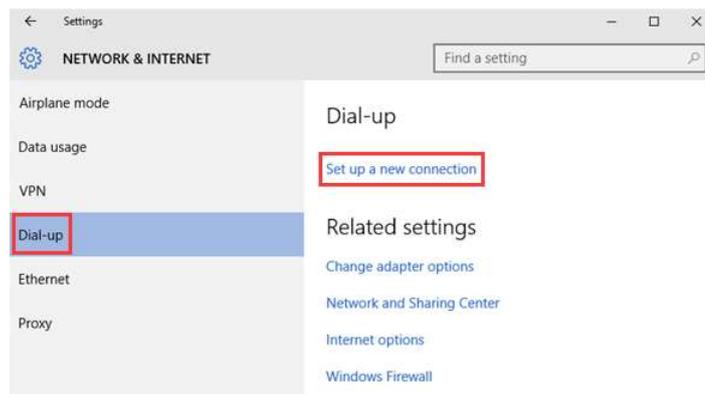
If you want to bypass the router or test the link, you can also connect your computer/laptop directly to the NTD using an Ethernet cable. This only applies to FTTP/FTTB/HFC scenarios and it requires your computer/laptop to have an Ethernet port.

For Windows system:

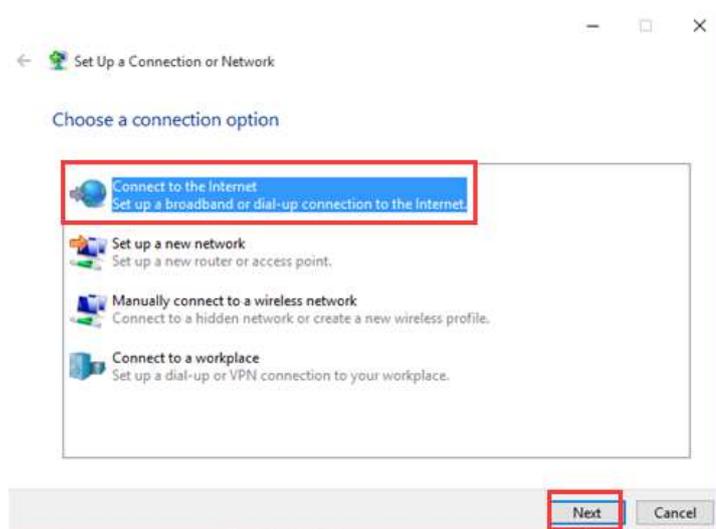
1. Click the computer icon at the lower right corner in the task tray, and click on “network settings”;



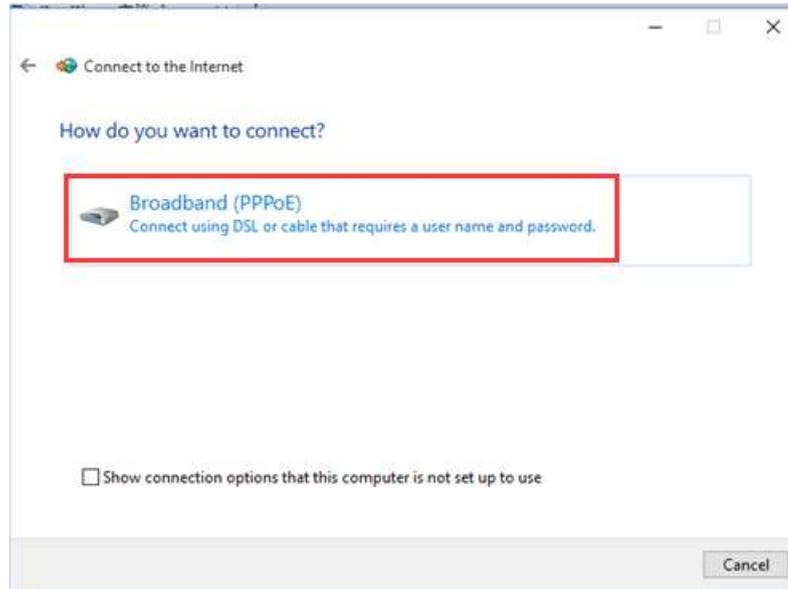
2. Please choose “Dial-up” and click on “Set up a new connection”;



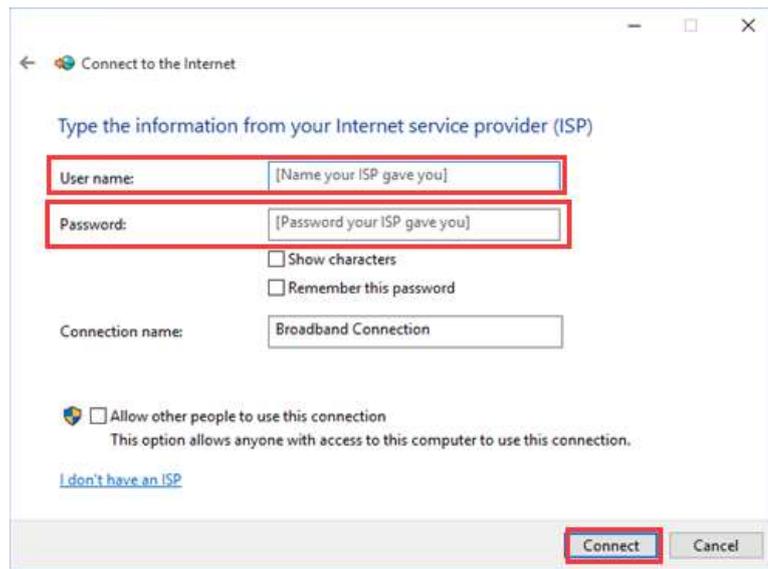
3. Select **Connect to the Internet** and click **Next** button.



4. Click on **Broadband (PPPoE)**.



5. Type in the information from LIMITLESS CONNECT. Please make sure all the information is correct. And then, click **Connect** button.



If all your information is correct, you will get the window below and you Internet is ready.

You are connected to the Internet



 Browse the Internet now

To connect to the Internet next time, left-click the network icon in the taskbar and click the connection you just created.

Close

6. Now, you have created a PPPoE dial up connection successfully. At the right side corner of your screen, click the network icon which looks like a computer, you can see a **Broadband Connection**. You can connect or disconnect your Internet through the broadband connection.



For Apple IOS system:

1. On your Mac, choose Apple menu  > System Preferences, then click Network.
2. Click the Add button  at the bottom of the list at the left, click the Interface pop-up menu, then choose PPPoE.
3. Click the Ethernet pop-up menu choose an interface for the PPPoE service – Ethernet if you're connecting to a wired network, or Wi-Fi if you're connecting to a wireless network – give the service a name, then click Create.
4. Enter the information you received from your ISP, such as account name, password, and the PPPoE service name, if your service provider requires it.
5. If you want to use the PPPoE status icon to connect or disconnect from the internet, or to open Network preferences, select "Show PPPoE status in menu bar".
6. If needed, click Advanced to set additional options, such as DNS or proxy server information, then click OK.
7. Click Apply.