

Configuring Huawei Modem for SpinTel NBN

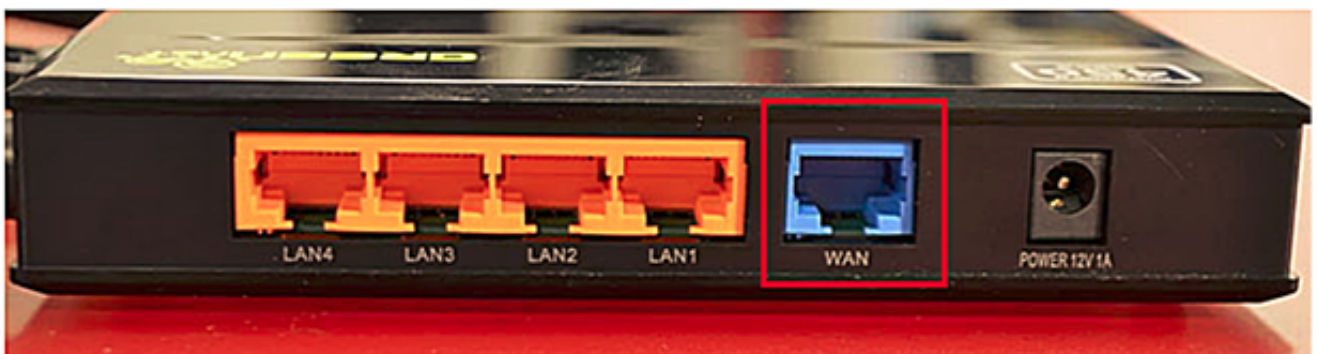
How do you know if your Huawei modem is compatible with nbn?

There are 2 different types of ports you need to check whether your modem is compatible with the type of nbn service that you have on your premise.

1. DSL port - often grey in colour, uses RJ11 cable. This is the same as the old telephone cable you would use to plug your home phone into the wall socket.



2. WAN port - Also known as the internet port that uses RJ-45 Ethernet cable to connect your Huawei modem to the nbn connection device.



Some modems have both of these ports, and some only have one. To identify which port is required for

your nbn type of service, check the table below.

NBN type	Modem connection type	Authentication
Fibre to the Premise	Router/WAN connection	IPOE/Dynamic/DHC
Fixed Wireless	Router/WAN connection	IPOE/Dynamic/DHC
Hybrid Fibre Coaxial	Router/WAN connection	IPOE/Dynamic/DHC
Fibre to the Curb	Router/WAN connection	IPOE/Dynamic/DHC
Fibre to the Node	VDSL Modem required	IPOE/Dynamic/DHC
Fibre to the Basement	VDSL Modem required	IPOE/Dynamic/DHC

How Do You Set up Your Huawei Modem?

1. If there is **no NBN Connection Box** installed, connect the DSL port on the back of your Huawei modem to your phone wall socket using a phone cable.
2. If **there is an NBN Connection Box** installed, connect to the WAN/Internet port on the back of your modem to your NBN Connection Box.
3. Connect any of the LAN ports on the back of your modem to your PC (optional)
4. Plug the NBN connection box, if there's any, to the power socket.
5. Connect the power port on the back of your modem to your power socket.

How Do You Log Into Your Huawei Modem?

To access the modem interface, please make sure your device is connected to your Huawei modem through a wired or wireless connection.

From your browser, type in <http://192.168.178.1> in the address bar and hit Enter.

If the IP address does not work, please check the label attached to the back of the modem/router. Else,

check your router's IP address. For instructions, click [here](#).

Log in with the account you set for the modem router, otherwise check the default username and password on the sticker of your modem.

How Do You Configure Your Huawei Modem?

Once logged in, click **Setup Wizard**

Select **Connect Automatically**

Hit **Next**

Then **personalise WiFi Credentials** and click **Save** to apply changes.



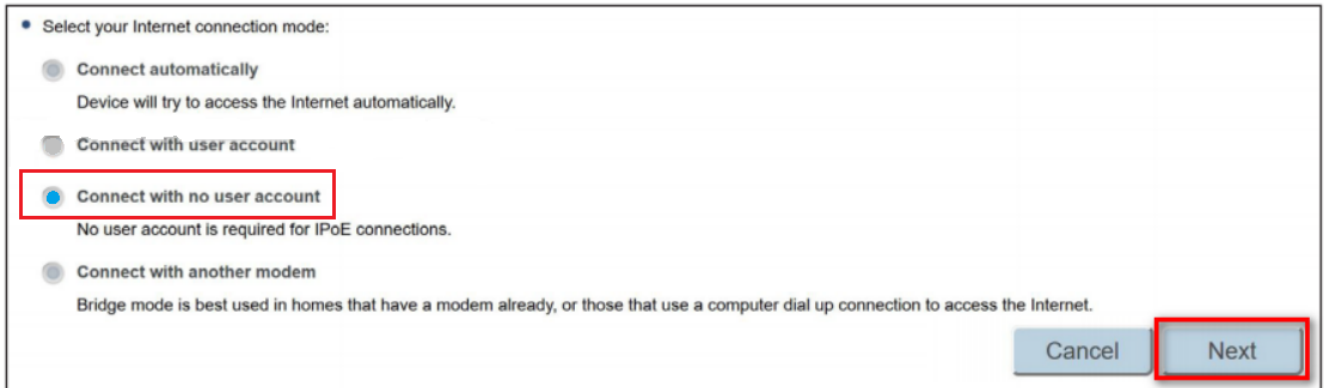
If Connect Automatically Fails;

Click **Setup Wizard**

Select **Connect with no user Account /IPoE**

Click **Next**

Then **personalise WiFi Credentials** and click **Save** to apply changes.



Select your Internet connection mode:

- Connect automatically
Device will try to access the Internet automatically.
- Connect with user account
- Connect with no user account**
No user account is required for IPoE connections.
- Connect with another modem
Bridge mode is best used in homes that have a modem already, or those that use a computer dial up connection to access the Internet.

Cancel Next

If Setup Wizard still fails, you may proceed manually to set up the internet through the Internet tab.

Go to the **Home** Page

Click the **Internet** tab

Click **Internet Settings**

Click **Edit**

Ensure the following settings are changed:

Enable Connection: **Ticked**

Service Type: **Internet**

Connection Type: **Connect with no user Account/ IPoE/ Automatic IP/ Dynamic IP/ DHCP**

Click **Save**

To make sure the modem is configured according to its nbn service type, please check the following:

1. If you are connecting through **FTTN/FTTB** service, click **Edit** under **VDSL** access type.

For **FTTC, FTTP, HFC or Fixed Wireless service**, click **Edit** under **Ethernet** access type.

Click **Save** to apply any changes made to the settings.

The screenshot shows the Huawei modem's web interface. At the top, there is a navigation bar with 'Home', 'Internet', 'Home Network', 'Sharing', and 'Mail'. The 'Internet' tab is selected. On the left, a sidebar lists various settings, with 'Internet Settings' highlighted. The main content area is titled 'Internet Settings' and includes a sub-header 'INTERNET_TR069_VOICE_R_PTM1'. Under this sub-header, the 'Access type' is set to 'VDSL' and the 'IPv4 status' is 'Disconnected'. There are 'Edit' and 'Restart PPPoE' buttons. Below this, another sub-header 'INTERNET_TR069_VOICE_R_ETH1' is shown, with 'Access type' set to 'Ethernet' and 'IPv4 status' set to 'Connected'. It also has 'Edit' and 'Restart PPPoE' buttons. At the bottom right, there is a note: 'This is the status page from your Hu'.

Wait **3-5 minutes** for the modem to go online, then test the service.

Online URL:

<https://articles.spintel.net.au/article/configuring-huawei-modem-for-spintel-nbn.html>