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.

Modem connection type	Authentication
Router/WAN connection	IPOE/Dynamic/DHC
VDSL Modem required	IPOE/Dynamic/DHC
VDSL Modem required	IPOE/Dynamic/DHC
	Router/WAN connection Router/WAN connection Router/WAN connection Router/WAN connection VDSL Modem required

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.
- 6. Ensure the modem is not locked to a specific provider. If it is, contact your provider to unlock it or use an unlocked modem.
- 7. Perform a factory reset on the modem if needed. Reconnect your devices using the default login credentials, which are typically found on the modem label.
- 8. Open a web browser and enter the modem's default IP address to configure the modem for IPoE set-up.

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 <u>http://192.168.178.1</u> 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 <u>here</u>.

2 og 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?

Dnce logged in, click Setup Wizard

Relect Connect Automatically

Blit Next

4hen **personalise WiFi Credentials** and click **Save** to apply changes.



If Connect Automatically Fails;

Click Setup Wizard

Relect Connect with no user Account /IPoE

Blit Next

4hen **personalise WiFi Credentials** and click **Save** to apply changes.

• Se	elect your Internet connection mode:
	Connect automatically
	Device will try to access the Internet automatically.
	Connect with user account
	Connect with no user account
I —	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.

to 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
Sonnection Type: Connect with no user Account/ IPoE/ Automatic IP/ Dynamic IP/ DHCP
Hit 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.
- 2. For FTTC, FTTP, HFC or Fixed Wireless service, click Edit under Ethernet access type.
- 3. Click **Save** to apply any changes made to the settings.

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Home	Internet	Home Network	Sharing		Mai
Internet Settings Layer2Bridging Parental Control Network Security Internet Services VPN Forwarding		Internet Settings You can view the com INTERNET_TRO69 Access type: IPv4 status: Edit	nection status of the HG659. VOICE_R_PTM1 Restart PPP0E	VDSL Disconnected	
		▼ INTERNET_TRO69 Access type: IPv4 status: IPv4 address: IPv4 address: IPv4 primary ID IPv4 secondat PPoE AC-Na Edit	DNS server: ny DNS server:	Ethernet Connected	This is the status page from your Hu

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

If your modem has any existing profiles configured, make sure to delete them to avoid double authentication or connection issues.

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