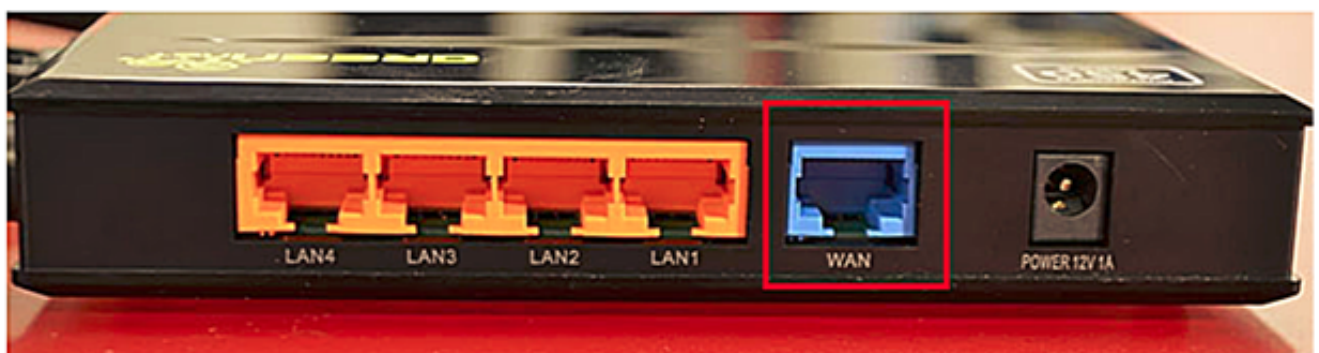# Configuring Belkin Modem for SpinTel NBN

How do you know if your Belkin 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 Belkin 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/DHCP/A**
Fixed Wireless	Router/WAN connection	**IPOE/Dynamic/DHCP/A**
Hybrid Fibre Coaxial	Router/WAN connection	**IPOE/Dynamic/DHCP/A**
Fibre to the Curb	Router/WAN connection	**IPOE/Dynamic/DHCP/A**
Fibre to the Node	VDSL Modem required	**IPOE/Dynamic/DHCP/A**
Fibre to the Basement	VDSL Modem required	**IPOE/Dynamic/DHCP/A**

How Do You Set up Your Belkin Modem?

1. If there is **no NBN Connection Box** installed, connect the DSL port on the back of your Belkin 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 Belkin Modem?

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

1. 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.

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

Once logged in, the Modem Router's Welcome page should appear.

1. Click on **Detect my Connection** for Automatic Setup the test the connection. If fails, click on **set it up manually**.

Welcome ○ Configure ○ Register

Let's connect to the Internet.

You're connected to your new router, so let's get it talking with your Internet Service Provider.

Detect my connection

If you're sure of your connection type, you can set it up manually» or go straight to the dashboard

Right now, we're displaying the pages in English ▼

A nearly automatic setup

First, we'll automatically check your wiring and detect the type of connection you have with your Internet Service Provider (ISP). There should be very little for you to do. Then we'll make sure your router's software is up-to-date.

2. Select **Dynamic Connection** on My Connection

○ Welcome **Configure** ○ Register

What type of connection are you setting up?

My connection is a:

Dynamic connection (1483 Bridge) »

PPPoE connection »

PPPoA connection »

Static connection (IPoA) »

I'm not sure what my connection type is:

Try automatic again »

Connection Types

Dynamic — These connections are becoming more common for some DSL providers.

PPPoE and PPPoA — These connections require a username and password provided by the ISP.

Static — These require custom parameters that are unique to each user.

3. VPI and VCI will automatically populate, click **Try my Connection** to apply the new settings.

You may also set up the internet through Advance Settings:

1. Click **Dashboard**

2. Scroll down to **Advance Settings**

3. Click **ISP Connection Type** on WAN Settings

▼ **Advanced Settings**

LAN Settings

Local Network Settings
Connected Devices

WAN Settings

ISP Connection Type
DNS
MAC Address

IPv6

IPv6 Connection

WiFi

Network Name
Security
Wi-Fi Protected Setup
Guest Access
Use as Access Point

Parental Controls

Website Filter

Media

Intellistream
Traffic Statistics
Media Server

Firewall

Firewall
Port Forwarding
MAC Address Filtering
DMZ
DDNS
WAN Ping Blocking
Security Log

Utilities

Restart Router
Restore Factory Defaults
Save/Backup Settings
Restore Settings
Firmware Update
System Settings
Self-Healing
Optional Software

4. Select **Dynamic IP** on the Connection Type

← Back to Dashboard

ISP Connection Type   DNS   MAC Address

What are WAN Settings?

These network settings refer to the connection
you have with your Internet service provider
(ISP). Select the connection type provided by
your ISP from the list.

Select connection type:

◉ **Dynamic/Fixed IP (1483 Bridge)**
○ **PPPoE**
○ **Static IP (IPoA)**
○ **PPPoA**
○ **Modem only**

Next

5. Host Name is optional, you may leave it blank and then hit **Save**

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

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

Online URL:
https://articles.spintel.net.au/article/configuring-belkin-modem-for-spintel-nbn.html