

# Configuring Belkin Modem for SpinTel NBN

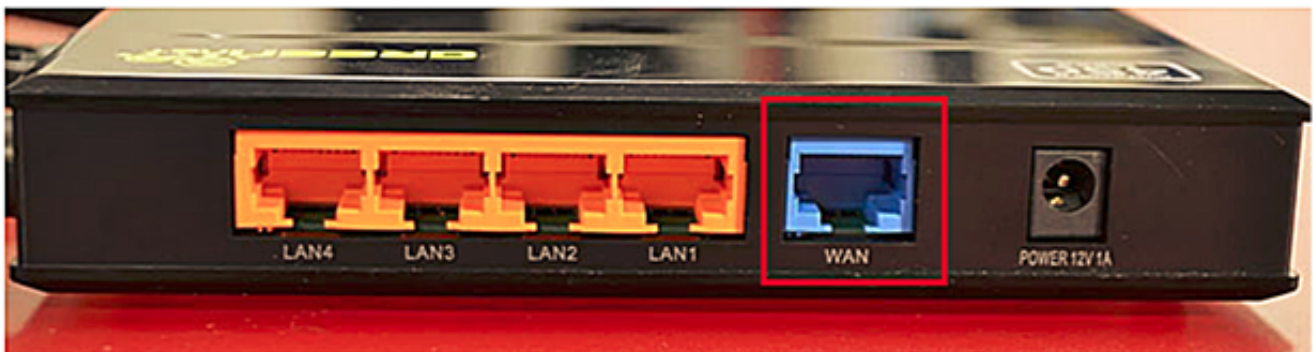
## How do you know if your Belkin modem is compatible with nbn?

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.

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<b>NBN type</b>	<b>Modem connection type</b>	<b>Authentication</b>
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.

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.

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**.

# 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

# 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.

Welcome

Configure

Register



# You've chosen a Dynamic connection.

Your Internet Service Provider may have given you additional configuration settings.

## Dynamic Settings:

VPI:  / VCI:

### Encapsulation:

LLC

[Try my connection](#)

### Dynamic connections

A dynamic connection is configured automatically once communication with the ISP is established.

You may also set up the internet through Advance Settings:

## 1. Click **Dashboard**

Welcome

Configure

Register



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[Detect my connection](#)

If you're sure of your connection type, you can [set it up manually](#), or go straight to the [dashboard](#)

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### A nearly automatic setup

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## 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

Select connection type:

**Dynamic/Fixed IP (1483 Bridge)**

PPPoE

Static IP (IPoA)

PPPoA

Modem only

**Next**

**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.

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

[← Back to Dashboard](#)

**ISP Connection Type**

DNS

MAC Address

[← Back to Connection Type](#)

To enter your Dynamic IP settings, type in your information below and click "Save".

**Host Name** <sup>?</sup>

[Change WAN MAC Address](#)

**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>