



# **BYO ROUTER SETUP**

## **HYBRID FIBRE COAXIAL (HFC) CONNECTION**

This guide provides instructions for setting up, connecting, and configuring your BYO router.

# SETTING UP YOUR BYO ROUTER WITH HFC CONNECTION

## Step 1

Locate the nbn® Network Termination Device (also known as nbn® Connection Box) that has been installed inside your property.



## Step 2

Ensure the nbn® Connection Box is connected using the white HFC cable to the cable wall socket. This should have been completed during the nbn® activation appointment.



## Step 3

Ensure power is connected to the nbn® Connection Box. The POWER, DOWNSTREAM, UPSTREAM and ONLINE lights should be on.



## Step 4

Use a network cable to connect your router from the WAN port on the back of the nbn® Connection Box to the WAN port on your router.

## Step 6

Most routers provide a Quick Start Guide or Setup Wizard. Please try to follow these steps. Ensure your router is configured in WAN mode, and encapsulation is set to IPoE.

Please note: if your nbn service was activated before 02/06/25, set your encapsulation to PPPoE and configure your BYO router using the ISP username and password we will have sent you via email and SMS.

Due to the number of router brands available, it is hard to provide precise setup information here. Please consult your router user guide or contact the manufacturer of your device.

## Step 5

Connect a computer or laptop to your BYO router via a cable or by Wi-Fi and access the router configuration page. If you are unsure how to do this, please consult the router user guide.

## Step 7

After you have successfully configured your BYO router please wait a couple of minutes for it to connect to the network. After a couple of minutes you should see the authentication light on the router become lit and steady (not flashing). The authentication light is often labelled 'Internet' or 'www' or 'Web'. Please consult your router user guide if you are unsure which light is the authentication light.

Tangerine supports a BYO modem/router option when connecting for **nbn® or Home Wireless Broadband**. It is important that you are aware of your connection technology and that the BYO modem/router is suitable for this technology type.

nbn® Type	Router/Modem Connection Type	Authentication*
HFC	Router/WAN Connection	IPoE

\*If your Tangerine nbn® service was connected before 02/06/2025, your authentication will be 'PPPoE'.

Our technical team can help as much as possible with the configuration of your BYO device. Due to the vast range of devices that are on the market, we may not be able to support every make and model. Due to this, we recommend that you have a good understanding of how to configure your own device.

If you wish to use a Tangerine nbn® phone plan with your own BYO device the device must support VOIP services.

If you're unsure or would prefer us to ship a pre-configured nbn® modem that's ready to go, you can order one right here.

# TROUBLESHOOTING

Symptom	Things to try
<b>All or some lights on the nbn® Connection Box are not on</b>	<ol style="list-style-type: none"><li>1. Unplug your nbn® Connection Box's power cable for 10 seconds, then turn it back on. Wait 10 minutes and see if the lights restore.</li><li>2. Contact our support team as we may need to log a fault with NBN Co.</li></ol>
<b>Router authentication light does not come on</b>	<ol style="list-style-type: none"><li>1. If your internet service was activated before 02/06/25: ensure that the router has been correctly configured with the ISP username and password. Triple check for any spelling mistakes or typos.</li><li>2. Ensure that you are connected to the WAN port on your router.</li><li>3. Try an alternative network cable to connect your router to the nbn® Connection Box.</li><li>4. Ensure that the router is configured in WAN mode.</li></ol>

## NEED SUPPORT?

For a more comprehensive user guide, you can view the NetComm User Guide [here](#).  
Alternatively, for Customer Service and troubleshooting, contact our team on **1800 211 112**.