

# Netcomm Wireless N300 NB604n Modem Router Setup Guide (ADSL)

## Bigpipe Setup Guide for ADSL2+ Wireless N300 NB604n Modem Router (ADSL)

You'll need this stuff, which should be packaged with the modem:

Figure 1. ADSL splitter. (But you won't need this if your home has a DSL port installed.)



Figure 2. DSL cable



Figure 3. The modem's backside



Figure 4. LAN cable (also called Ethernet cable)



## Internet setup

Please follow these instructions to set up your ADSL2+ Wireless N300 NB604n Modem Router for Bigpipe's ADSL plan.

– After you have powered the modem on and have plugged the DSL cable (see figure 1) into your splitter (see figure 2 – although some homes have a DSL wall jack. You’ll know it if you see it.) Connect the other end into the white DSL port on the back of the modem (see figure 3), and connect the white ethernet cable (see figure 4) into the yellow LAN1 port on the back of the modem and the other end of the ethernet cable into your computer’s LAN / Ethernet port.

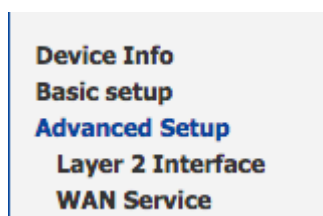
**Important:** If your computer does not have a LAN port, connect to the Netcomm WiFi network and use the password a1b2c3d4e

-Please open a web browser e.g Chrome, Firefox or Safari. Once you have, please type 192.168.1.1 into the address bar and click enter

-When the below picture comes up please type admin for the username and admin for the password as well then click login



-Once you have done this, you will see the below menu. Please click on Advanced Setup and then WAN service



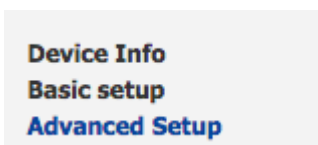
-Check the remove box and then click the “Remove” button

### Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	VLAN 802.1p	VLAN Mux ID	IGMP	NAT	Firewall	IPv6	MLD	Remove	Edit
ppp0a0	ppp0a_0_0_100	PPPoA	N/A	N/A	Enabled	Enabled	Enabled	Disabled	Disabled	<input checked="" type="checkbox"/>	edit

-Then from the left menu, select Advanced Setup



-Check the remove box and then on the “Remove” button

### DSL ATM Interface Configuration

Choose Add, or Remove to configure DSL ATM Interfaces.

Interface	VPI	VCI	DSL Latency	Category	Link Type	Connection Mode	IP QoS	Scheduler ALG	Queue Weight	Group Precedence	Remove
atm0	0	100	Path0	UBR	PPPoA	DefaultMode	Enabled	SP	1	8	<input checked="" type="checkbox"/>

– Once you have please click on the add button and change your settings to match the below picture

#### ATM PVC Configuration

This screen allows you to configure an ATM PVC identifier (VPI and VCI), select DSL latency, select a service categoryS. Otherwise choose an existing interface by selecting the checkbox to enable it.

VPI: [0-255]   
VCI: [32-65535]

Select DSL Latency

☒ Path0  
☐ Path1

Select DSL Link Type (EoA is for PPPoE, IPoE, and Bridge.)

☐ EoA  
☒ PPPoA  
☐ IPoA

Encapsulation Mode:

Service Category:

Select IP QoS Scheduler Algorithm

☒ Strict Priority

Precedence of the default queue:

☐ Weighted Fair Queuing

Weight Value of the default queue: [1-63]

MPAAL Group Precedence:

8 (lowest)

-Click Apply/Save

-Then click on WAN Service



-Click Add

-Then click next, then click next again. Now enter your PPP username and password. It can be anything that you like (excluding special characters or blank spaces) – as you can see, my username is Bigpipe

A screenshot of the 'PPP Username and Password' configuration screen. It includes a title bar, a descriptive paragraph, and four input fields: 'PPP Username' (containing 'Bigpipe'), 'PPP Password' (containing '\*\*\*\*\*'), 'Authentication Method' (a dropdown menu set to 'AUTO'), and 'MTU Size' (a text box with '1492' and a range '(500-1500)' in parentheses).

-Once you have done this, click “next” three times.

-Now click on Apply/Save

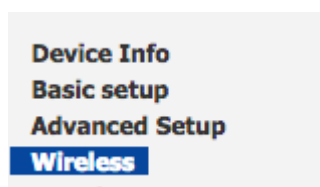
Awesome work, you should now be able to connect to the internet ☑

## WiFi setup

To setup your WiFi name and password please keep reading (not essential but we do recommend that you do this to secure your network)

To setup your WiFi please follow the below steps

– Select Wireless from the menu on the left



-Then enter the name you would like your WiFi network to be in the SSID field – you can see my network's name is Bigpipe

**Wireless -- Basic**

This page allows you to configure basic features of the wireless LAN interface. You can enable or Click 'Apply/Save' to configure the basic wireless options.

☒ Enable Wireless

☐ Hide Access Point

☐ Clients Isolation

☐ Disable WMM Advertise

☒ Enable Wireless Multicast Forwarding (WMF)

SSID:

BSSID:

Country:

Max Clients:

-Click Apply/Save. **Important:** if you are connected to your modem wirelessly you will now need to reconnect to your new network name.

-Once you have done that, select “Security” from the menu on the left under Wireless

Wireless

Basic

Security

-Where it says WPA/WAPI passphrase: enter your password

WPA/WAPI passphrase:  [Click here to display](#)

-Click on Apply/Save

Great, your network is now secure – happy internetting ☐

**Disclaimer:** Our modem guides are just for setting up your Bigpipe connection with these specific models of modem. If something goes wrong during setup we recommend doing a factory reset of your modem and – if necessary – [getting in touch with](#)

[the Bigpipe support team](#). These guides don't cover everything your modem can do. If you want to get more in-depth, we recommend starting with Googling your modem model number.