Netcomm NB6+4
Configuring in Layer2 PPPoE for Windows XP and 2000

Contents

Please note: Some screen shots may differ due to different versions of firmware used. Please have your router powered on and connected directly to your PC via Ethernet cable before you begin

1. Network Configuration

PPPoE connection does not require you to have an IP address or DNS settings manually encoded on your network card. PPPoE connection uses authentication to establish the Internet connection and its after doing this that your router is assigned an IP and DNS settings from TPG.
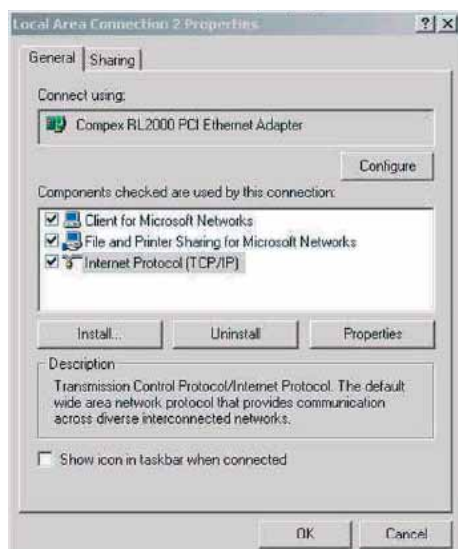
To begin, your PC needs to receive a private IP address from the router. Most ADSL routers have DHCP enabled by default that will take care of this.

To ensure your Network Card is ready for this, please follow the following steps:
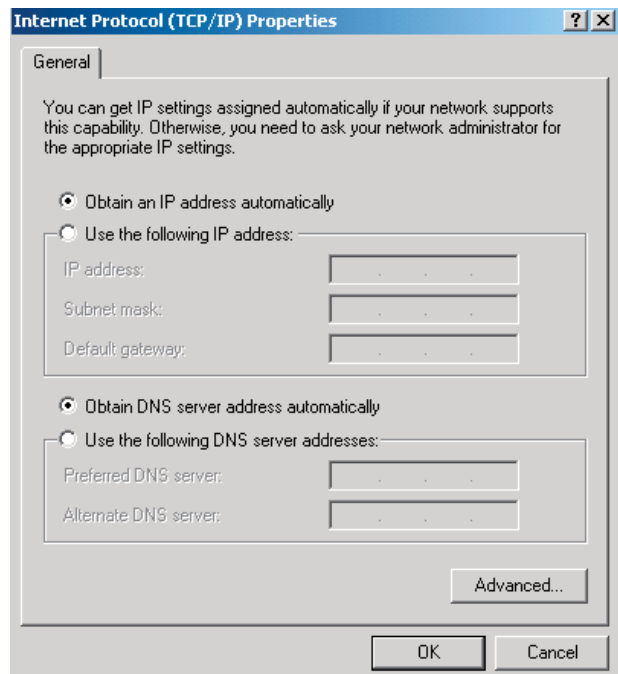
a. Click on **Start** -> **Settings** ->**Control Panel** -> **Network Connections**

b. Find your Network Card then right click on this and select **Properties**

Local Area Connection

C. Double click on **Internet Protocol TCP/IP**

d. Ensure **"Obtain an IP address automatically"** is selected
e. Ensure **"Obtain DNS server address automatically"** is selected
f. Click on **OK**

2. Restore Router To Factory Defaults

Please Note: By doing this step you will be deleting any additional customised settings (if applicable) in your router. You can change the configuration of your router to PPPoE without restoring the router to factory defaults in which case please skip this step and proceed from step 3 however if you experience Internet problems after competing the setup, we recommend you do perform step 2 then proceed from step 3.
If the router is already at factory defaults, please skip this step and go to step 3

a. Make sure your router is powered on and connected to your PC (Network card) via Straight through Ethernet cable

b. Use a paper clip to depress the reset button at the back of your router for 10 seconds and release. At this point the reset is in progress. Please do not power off the unit

c. When the indicator lights return steady, the reset is complete. Your router is now at factory defaults

3. Re-configure In Layer 2 PPPoE
a. Open your browser and in the address bar type **http://192.168.1.1** and press enter

b. Enter **admin** for both the username and password and click on **OK**. If your router is not at factory defaults and you have changed the login credential, please enter the current username and password for your router interface

c. In the **Quick Start Menu**, click on **Quick Startup**
d. Untick **Auto Scan Internet Connection (PVC)**
   Ensure **VPI = 8**; **VCI = 35**
   Click **Next**

e. Ensure Protocol **PPP over Ethernet** is selected
Encapsulation Type is **LLC/SNAP**
Click N**ext**

f. Ensure you have the following settings then click **Next**

g. Enter the following then click on **Next**

For ADSL1 Customers:

• PPP User Name:

 – **<TPGusername>**@L2TP.tpg.com.au for Fixed IP plans

 OR

 – **<TPGusername>**@PPP.tpg.com.au for Dynamic IP plans
(e.g. adsl1234@L2TP.tpg.com.au)

• PPP Password: Your Password by default is the same as
your **<TPGusername>** however if you have changed
your password since registration time, please use your
current TPG password

For ADSL2+ Customers:

• PPP User Name: **<TPGusername>**

• PPP Password: Your Password by default is the same as
your **<TPGusername>** however if you have changed
your password since registration time, please use your
current TPG password

h. Ensure you have the following settings then click **Next**

i. Click on **Finish**

j. Please wait while your router reboots

Please Note: ADSL routers will by default be capable of automatic authentication. This means your router will use your credentials you have provided to make the Internet connection. Each time your router is powered on, it will initialize this automated authentication process after which your router will receive a public IP address (fixed or dynamic depending on your plan) and DNS settings from TPG

Support Information
For further assistance, please call TPG Technical
Support on 1300 360 855

Technical Support Opening Hours
Monday to Friday   8am – midnight
Saturday and Sunday   9am – 9pm
Public Holidays   9am – 6pm