3G/4G USB Gateway

NetComm

3G41WT Quick Start Guide

This gateway has been designed to be placed on a desktop. All of the cables exit from the rear for better organization. The LED indicator display is visible on the front of the gateway to provide you with information about network activity and the device status. See below for an explanation of each of the indicator lights.

ICON LABEL	ICON	DESCRIPTION
Power	⏻	Lights up when the gateway is powered on
WiFi	((•))	Lights up when the gateway is distributing a WiFi signal
LAN/WAN	⊒ ⊞	Lights up when a device is plugged into the LAN/WAN port
LAN 2-4	⊒	Lights up when a device is plugged into one of the LAN ports
WWW	www	Lights up when the gateway is connected to the Internet
Signal	4G))	Lights up with an active mobile broadband connection
Signal Strength	))	Lights up indicating the current mobile broadband signal strength
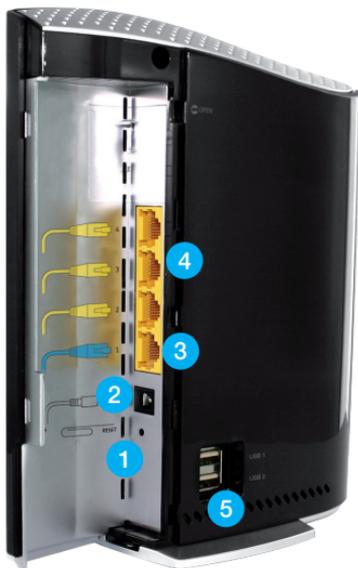
REAR PANEL		DESCRIPTION
1	Reset button	By using a paper clip, hold this button down for more than 10 seconds to reset to factory defaults.
2	DC IN	Power connector, connects to a DC 12V 1.5A Power Adapter
3	LAN/WAN port	RJ-45 LAN/WAN port for wired Ethernet clients (LAN) or alternate Internet connection to ADSL/Cable/Fibre (WAN)
4	LAN ports	3 x RJ-45 LAN ports for wired Ethernet clients (computers, laptops, etc)
5	USB ports	Two USB 2.0 ports for connection to mobile broadband USB modem (LTE dongle) and/or USB external hard drive for file sharing

1 Hardware Installation

Power point   Power adapter
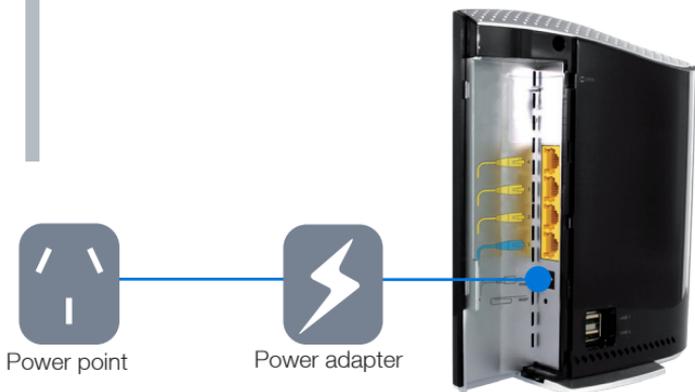
1. If you are using a mobile broadband connection, attach your USB modem to the USB port on the side of the 3G/4G USB Gateway.

2. Connect the power adapter to the power socket on the back of the 3G/4G USB Gateway.

3. Plug the power adapter into your power point and switch on the power.

4. Wait approximately 60 seconds for the 3G/4G USB Gateway to power up.

2 Connecting to the Gateway via a Cable

Computer
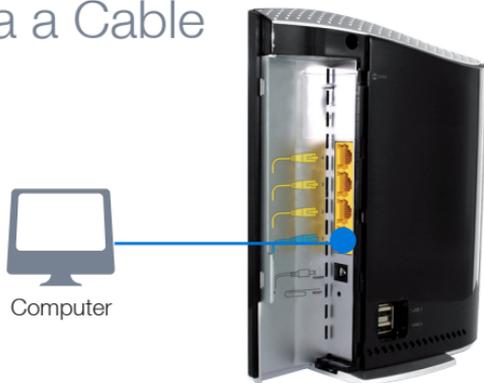
NOTE: This step is optional. If you do not wish to connect via an Ethernet cable to the Gateway, please skip this step and proceed to step number 3.

1. Connect the yellow Ethernet cable provided to one of the Ethernet ports on the back of the 3G/4G USB Gateway.

2. Connect the other end of the Ethernet cable to your computer or to another Ethernet-enabled device like a gaming console, a TV or a home cinema system.

3. Wait approximately 30 seconds for the connection to establish.

3 Connecting to the Gateway via WiFi

Online Gaming

Tablet

Smart Phone

Laptop

NOTE: This step is optional. If you do not wish to connect via WiFi to the Gateway, please skip this step.

You can connect multiple WiFi devices, including laptops, desktops, tablets and PDA's to your Gateway by following these two basic steps.

1. Using your WiFi device, scan the WiFi networks in your area and select the wireless network name listed on the included Wireless Security Card and then click connect.

2. Enter the wireless security key listed on the included Wireless Security Card.

4 Attention BigPond Users

BigPond Mobile Broadband services require a user name and password, issued to you by BigPond at the time of purchase, which must be entered into your 3G/4G USB Gateway before use. Please follow the steps below to setup your BigPond connection:

1. Login to the web based management console by opening your web browser (Internet Explorer/Firefox/Safari) and navigate to the address http://192.168.20.1.

2. On the basic view, click the "Login" tab and enter "admin" (without quotes) into the Username and Password fields and click submit.

3. Click the "Internet" tab and unselect the checkbox labelled "Automatically configure my mobile broadband".
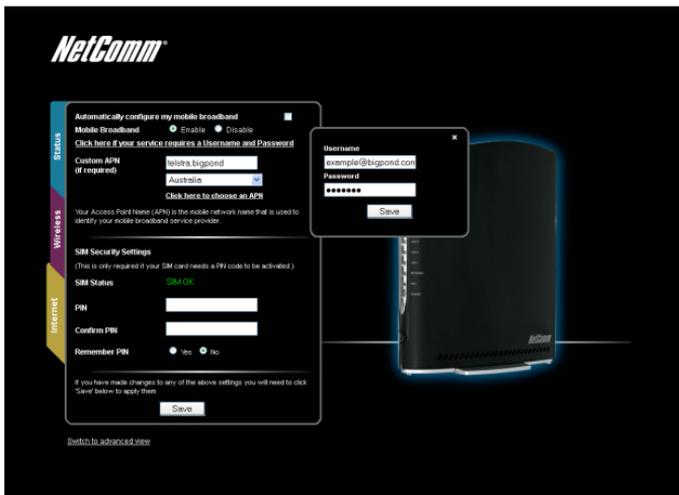
4. Check and ensure "Australia" is shown underneath the Custom APN field.

5. From the "Choose an APN here" pull down menu, mouse over to "Telstra" and select "telstra.bigpond" as the APN.

6. Click on the sentence "Click here if your service requires a Username and Password" and enter the Username and Password as supplied by BigPond and click "Save".

7. Click the "Save" button at the bottom of the page to store the new configuration settings and connect to the BigPond Mobile Broadband service.

5 Attention Telstra IPWAN Customers

Telstra IPWAN Mobile Broadband services require a user name and password, issued to you by Telstra at the time of purchase, which must be entered into your 3G/4G USB Gateway before use. Please follow the steps below to setup your Telstra connection:

1. Login to the web based management console by opening your web browser (Internet Explorer/Firefox/Safari) and navigate to the address http://192.168.20.1.

2. On the basic view, click the "Login" tab and enter "admin" (without quotes) into the Username and Password fields and click submit.

3. Click on the "Switch to advanced view" link at the bottom of the page.

4. Click on the "Internet Settings" menu at the top of the page, select the first menu option labelled "Mobile Broadband" or "WWAN" and then select "Connection."

Home	Status	▶ Internet Settings	▶ Wireless LAN	▶ Services	▶ System

Internet Settings > WWAN (3G) > Connection

WWAN (3G) Profile Settings

Profile Name	Profile1 ▼ ☐ Automatically configure my mobile broadband
Profile Name	Profile1
APN Name	telstra.corp Australia ▼ **Choose an APN here**
Mobile Broadband	◉ Enable ○ Disable
Username	example@telstra.com
Password	●●●●●●●
Authentication Type	◉ CHAP ○ PAP
Reconnect Delay	30 (30-65535) secs
Reconnect Retries	0 (1-65535, 0=Unlimited)
Metric	20 (1-65535)
NAT Masquerading	○ Enable ◉ Disable

[Save]

Profile Name	Enabled	APN	User
Profile1	Yes	telstra.corp	example@telstra.com
Profile2	No		
Profile3	No		
Profile4	No		

Roaming Settings

Data Roaming	○ Enable ◉ Disable

[Save]

5. Unselect the checkbox labelled "Automatically configure my mobile broadband".

6. Type in the APN required for your service (e.g telstra.corp), or select from the "Choose an APN here" pull down menu.

7. Enter the Username and Password as supplied by Telstra.

8. Select "Disable" for the NAT Masquerading option*.

9. Click the "Save" button located under the NAT Masquerading option to store the new configuration settings and connect to the Telstra IPWAN Mobile Broadband service.

*   Enabling/disabling NAT Masquerading is dependent on your individual network setup

6 Congratulations!

You have successfully completed the set-up process and should now be connected to the Internet!

If you choose to configure any settings on your Gateway, you will need to login to the web user interface. Please note this is optional.

1. On your computer, open a web-browser (such as Internet Explorer, Firefox, or Safari), type 192.168.20.1 into the address bar at the top of the screen and press "Enter".

2. At the login screen, type "admin" into the username and password field and then click "Login" to continue. This will take you to the web based user management page.

7 Troubleshooting

Cannot access the Internet

• Please ensure you are using a compatible USB modem that has an active connection; or

• Have a working fixed line modem connected to the LAN/WAN port.

Cannot establish a WiFi connection

• Make sure the wireless switch on your laptop is in the on position .

• Ensure your Gateway and WiFi device are using the same wireless security settings.