

NETCOMM LIBERTY™ SERIES

3G WiFi Router

NetComm



Quick Start Guide

1

Connecting to the Router using an Ethernet cable



1. Insert an **active 3G SIM** card into the **USIM slot** on the back of the device.
2. Connect the supplied **RJ-45 Ethernet Cable** into one of the Ethernet ports on the back of the device and the other end to your computer.
3. Screw the **supplied detachable antennas** to the **WiFi** and **3G** connectors on the back of the router.
4. Connect the **supplied power adapter** to your router and press the **on/off button** to power the router on.

1 The NetComm 3G19W is designed for a mini-SIM card and not a micro-SIM card. A micro-SIM adapter may work with a micro-SIM, however the micro-SIM adapter may damage the 3G19W. There are currently a large number of micro-SIM adapters in the market, and depending on its quality, these adapters can get stuck and potentially damage the SIM card slot of the 3G19W. Damage applied by a micro-SIM adapter will therefore void warranty of your 3G19W.

2

Login to the configuration interface

Basic	3G Settings	Wireless	Management	Advanced	Status
Basic > Home					
Hardware Version:	96358G-123				
Software Version:	N3G9W-N101-306NCM-T03_R04				
Bootloader (CFE) Version:	1.0.37-6.8				
Wireless Driver Version:	3.131.35.4.cpe2.0				

1. Open a web browser (Internet Explorer, Firefox, and Safari) and type **http://192.168.1.1** into the address bar at the top of the web browser window and press enter.
2. At the login screen type **admin** into both the username and password fields and click **OK**. This will take you directly to the Basic - Home page.

3

Connecting devices to the router via Wireless



1. Ensure WiFi is enabled on your device (computer/ laptop/ smartphone/ gaming console).
2. Scan for wireless networks in your area and connect to the network name that matches the Wireless network name found on the Wireless Security Card (included in the box).
3. When prompted for your wireless security settings, enter the Wireless security key listed on your Wireless Security Card.
4. Wait approximately **30 seconds** for the connection to establish.

4

Connecting to the Internet via 3G

Basic 3G Settings Wireless Management Advanced Status

3G Settings > Setup

Profile: Custom APN ▾
Authentication Method: AUTO ▾
APN:
Username:
Password:

IP Compression: Off ▾
Data Compression: Off ▾

All Bands/Automatic 3G-850 Only 3G-850/2G-900/1800 3G-ALL 2G-ALL

Save

1. From the Basic - Home page, hover your mouse over the 3G Settings menu and click on **Setup**.
2. With the active 3G SIM inserted into the device, enter the 3G service details as supplied by your 3G service provider. This may include the APN and/or the username / password. Leave any fields which are not required blank.
3. Click on **Save** to use these settings.

* For a list of common APN's please see next page.

List of Mobile Broadband Service Providers:

Mobile Service	APN*
Australia	
Telstra	Telstra.internet
	Telstra.pcpack
	Telstra.datapack
	Telstra.extranet
Optus – Postpaid	connect
Optus – Prepaid	preconnect
Three – Postpaid	3netaccess
Three – Prepaid	3services
Vodafone – Postpaid	vfinternet.au
Vodafone – Prepaid	vfprepaymbb
Crazy John's	purtona.net
DoDo	dodolns1
Blink	splns888a1
Internode	Internode
Primus	primuslns1
TPG	internet
Exetel	Exetel1
New Zealand	
Vodafone NZ	www.vodafone.net.nz
CallPlus	www.callplus.net.nz
Slingshot	www.slingshot.net.nz
Telstra Clear	www.telstraclear.net.nz
Telecom NZ XT	internet.telecom.co.nz

Front LEDs



LED	Color	Mode	Description
POWER	Green	On	Power on
		Off	Power off
LAN 1-4	Green	On	Powered device connected to the associated port (in cludes devices with wake-on-LAN capability where a slight voltage is supplied to an Ethernet connection)
		Off	No activity, modem powered off, no cable or no powered device connected to the associated port
		Blink	LAN activity present (traffic in either direction)
WiFi	Green	On	The wireless module is ready.
		Off	The wireless module is not installed.
		Blink	Data being transmitted or received over WiFi .
Internet	Green	Blink	Data is transmitted through Internet connection
		Off	No connection to the internet or router powered off
		On	Internet connection established
3G	Green	On	Internet connection established.
		Blink	Connecting with UMTS cellular station
		Off	No connection with UMTS cellular station, no activity or router powered off.
2G	Green	On	Internet connection established.
		Blink	Connecting to an EDGE, GPRS or GSM cellular station
		Off	No connection with EDGE, GPRS or GSM cellular station, no activity or router powered off.
Low	Green	On	Low signal strength
		Off	No activity, router powered off or on other signal strength
Med	Green	On	Medium signal strength
		Off	No activity, router powered off or on other signal strength
High	Green	On	High signal strength
		Off	No activity, router powered off or on other signal strength

** Please note that all lights will flash simultaneously if a firmware upgrade takes place.

Rear Panel



3G Antenna (Main)	Attach one of the 3G Antennas here in a clockwise direction.
Power	Power connector, connects to a DC 12V 1.5A Power Adapter
USIM Card Slot	Insert your SIM card here (until you hear a click). Please be careful to insert the SIM in the correct orientation by viewing the printed icon beside the slot.
3G Antenna (AUX)	Attach one of the 3G Antennas here in a clockwise direction.
Reset	Hold this button down for over 10 seconds to reset to factory defaults.
LAN 1	LAN Port for wired Ethernet clients (Computers, Laptops, etc)
LAN 2	LAN Port for wired Ethernet clients (Computers, Laptops, etc)
LAN 3	LAN Port for wired Ethernet clients (Computers, Laptops, etc)
LAN 4	LAN Port for wired Ethernet clients (Computers, Laptops, etc)
WiFi Antenna	Attach the WiFi Antennas here in a clockwise direction.

5

Troubleshooting

Cannot establish a wireless connection

- Make sure the wireless switch on your laptop is in the on position.
- Ensure your device and wireless adapter are using the same wireless security settings.
- Make sure you are trying to connect to the correct SSID with the correct security key.

Cannot establish a 3G connection

- Ensure you are using an active 3G SIM card that is activated for Mobile Broadband Internet service.
- Ensure you have entered the correct APN setting supplied by your 3G Internet service provider.



Cannot access the Web UI

- If you have changed your username/password and forgotten them you will need to reset your router to the factory default settings and the default settings **admin/admin**.

How to reset your router to the factory default settings

- With a paperclip, sharp pencil or similar object press the reset button on the back panel of the device and hold for approximately **10 seconds**.