

NETCOMM LIBERTY™ SERIES

ADSL2+ Wireless N Modem Router with VoIP

NetComm











Quick Start Guide
NB16WW

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Hardware Installation



The router 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 router to provide you with information about network activity and the device status. See below for an explanation of each of the indication lights.

FRONT PANEL	ICON	COLOUR	STATE	DESCRIPTION
Power		Blue	Off	The NB16 is powered off
			Flashing	The NB16 is currently starting up
			On	The NB16 is powered on
ADSL Sync		Blue	Off	A connection via an ADSL service is not currently configured
			Flashing	Connecting to an ADSL service
			On	Connected via an ADSL service
3G Signal		Blue	Off	A connection via 3G is not currently configured or no 3G dongle found
			Flashing	Connecting to a 3G service
			On	Connected via a 3G service
		Red	Flashing	3G connection failed, attempting to connect again
			On	SIM Error
Internet Connection		N/A	Off	An Internet connection is not currently configured
		Blue	Flashing	Traffic via the ADSL connection
			On	Connected via an ADSL service
		Red	Flashing	Traffic via the 3G connection
			On	Connected via a 3G service
		Purple	Flashing	Traffic via the WAN connection
			On	Connected via an internet service supplied via the WAN port
		ETH 1, 2, 3, 4		Blue
Flashing	Traffic on LAN port			
On	Device connected via the LAN port			
WAN		Blue	Off	No device connected via the WAN port
			On	Device connected via the WAN port
WiFi		Blue	Off	WiFi is disabled
			Flashing	WPS PBC connection available
			On	WiFi is enabled
VoIP		Blue	Off	VoIP is not configured
			Flashing	Connecting to VoIP service
			On	VoIP connection registered

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



POWER	POWER CONNECTOR, CONNECTS TO A DC 12V 1.5A POWER ADAPTER
On/Off	Turn the NB16 on or off
USB	Attach an external USB storage device to share content with connected computers
3G Dongle	Attach a 3G dongle with an active SIM card to utilise a 3G based internet connection
WPS / Reset	Hold this button down for over 10 seconds to reset to factory defaults.
	Hold and release this button in 3 seconds to enable the WPS push-button connect function.
ETH 1	Connect Ethernet based clients here
ETH 2	Connect Ethernet based clients here
ETH 3	Connect Ethernet based clients here
ETH 4	Connect Ethernet based clients here
WWW	Connect an Ethernet based WAN device here
ADSL	Connect a telephone line with an active ADSL service here
Telephone	Connect a telephone handset here to utilise with a VoIP service

For an ADSL based connection:

Plug one end of the supplied RJ-11 (telephone) cable into the port marked ADSL on the rear of the NB16 and plug the other end of the cable into the telephone wall socket.

For a 3G based connection:

Insert your 3G dongle (with an active SIM card) into the 3G dongle USB slot on the rear of the NB16.

1. Connect the power adapter to the power socket on the back of the NetComm router.
2. Plug the power adapter into the wall socket and switch on the power.

Wait approximately 60 seconds for the NetComm router to power up.

2 Connecting to the router via an Ethernet Cable



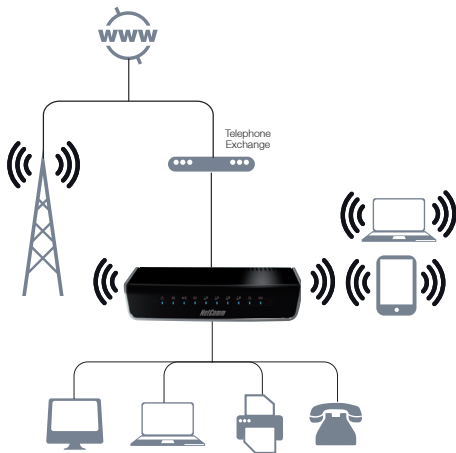
1. Connect the yellow Ethernet cable provided to one of the yellow LAN ports on the back of the NB16.
2. Connect the other end of the yellow Ethernet cable to your computer or to another Ethernet enabled device like a gaming console, a TV or a home cinema system.

Wait approximately 30 seconds for the connection to establish.

3 Connecting the Router to the Internet



1. After establishing a wired connection using the previous steps, open your Web browser and type `http://192.168.1.1` into the address bar at the top of the web browser window and press enter.
2. Enter "admin" into both the username and password fields and click "Login".
3. The "First-Time Setup Wizard" should then be displayed. Click on the "Yes, Let's get started with the wizard" button to configure your NetComm Router.
4. Select your chosen connection type. You can select from:
 - ADSL
 - 3G



ADSL:

Select the ADSL connection type and enter the username/password as supplied by your ADSL provider


Please note: To enable a backup connection via 3G, tick the checkbox and then enter the appropriate 3G connection information. This information should be supplied by your 3G provider. You will also need to enter a high availability website (e.g. – www.google.com) in order to verify if your ADSL based internet connection is currently active.

3G:

Select the APN from the dropdown box (enter your username/password if required) as supplied by your 3G provider. After selecting the appropriate connection type and entering the required details, click “Next”.

5. Select to enable or disable your wireless network, show or hide your wireless network (Hide SSID) or change the wireless network name (SSID). After making the appropriate changes, click “Next”. (If you do not want to change the default settings, simply click “Next”)
6. Select the wireless security and wireless security key you would like to use on your wireless network and click “Next”.
(If you do not want to change the default settings, simply click “Next”)
7. Enter the username and password you would like to use when logging into the web based user interface. Confirm the new password by entering it a second time in the “Retype Password” field and click “Next”.
(If you do not want to change the default settings, simply click “Next”)
8. Review your selected settings and click “Finish”. If you would like to change any of the settings, click “Back” until you reach the required page and adjust your settings accordingly. Click “Next” until you reach the summary page again.

The NetComm Router will now attempt to connect using the details you have entered. This can take up to 2 minutes.

If the connection attempt was successful, the Internet Connection LED  on the front of the unit will then be lit.

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Connecting to the Router via Wireless (WiFi)



1. Ensure WiFi is enabled on your device (computer/laptop/smart phone/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 (included in the box).

Wait approximately 30 seconds for the connection to establish.

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
Westnet	Splns555a1
iiNet	iiNet
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