

XBox 360 Setup (3G29WN2)

## XBox 360 Setup

There are two ways of allowing your XBox 360 to communicate with the internet. One is through *port forwarding* and the other is through the *DMZ* feature. Port forwarding will enable specified ports on the router to get access to your XBox 360 to communicate with the internet as if they were directly connected by allowing access through. Setting your XBox 360 as a DMZ host opens all the ports on the router to allow access to a designated device.

Before you configure the router, you will need to set a static IP address on your XBox. Follow the instructions at the link below to set a static IP address on your XBox:

http://portforward.com/networking/staticip-xbox360.htm

You can use an IP address like 192.168.1.100 for example.

You can only forward a port to **one** location (IP address).



In some cases, this may cause issues when multiple LAN devices (computers, game consoles, or VOIP ATAs) attempt to use online gaming as same time or make multiple VOIP service connections.

In these cases, you would need to use an alternate port for any subsequent connections after the first device.

Please consult your VOIP provider or game manufacturer for assistance with this.

## Setting the XBox 360 as the DMZ Host

1. Navigate to <a href="http://192.168.1.1">http://192.168.1.1</a> in a web browser.

		<u>.</u>		
← ④ Ø http://192.168.1.1/	×ט⊴ - Q	O 3G29WN2	×	6 🕁 🐵
	Windows Security The server 192.168.1.1 at NetComm Di requires a username and password. Warning: This server is requesting that sent in an insecure manner (basic auti connection). admin errere Remember my cr	t your username and passwo hentication without a secure	rd be	

- 2. Enter **admin** as both the username and password when prompted then click **OK**.
- 3. Select **Advanced > NAT** then click on the **DMZ host** option.

comm gatewa Jal ADS		3G Wireles	s N Gatewa	ay	NetGomi
Basic	3G Setting	s Wireless	Management	Advanced	Status
		•	•	ATM Interface	
Basic > Home				WAN Service	
				LAN	
Model Name:	3G2	9WN2		NAT	Port Forwarding
Board ID:	963	58A-133		Security	Port Triggering
Software Versio	on: K61	1-402NCMN2-C01_R04		Parental Control	DMZ host
ADSL Driver Ver	rsion: A2n	B025k.d22b		Quality of Service	
THOSE DITACT ACT	лар	DOLDRIGLED		Routing	

4. Enter the static IP address of the XBox in the **DMZ Host IP Address** field. In this example, *192.168.1.100* is the IP address of the XBox.

	way™ series  SL2+ / 3G	Wireles	s N Gatew	ray	M	letComm <sup>*</sup>
Basic	3G Settings	Wireless	Management	Advanced	Status	
NAT DMZ H	ost					
The router will computer.	forward IP packets from th	e WAN that do not bel	ong to any of the application	ons configured in the Vir	tual Servers table to the	DMZ host
Enter the comp	outer's IP address and click	"Apply" to activate the	DMZ host.			
Clear the IP ad	dress field and click "Apply"	to deactivate the DMZ	host.			
DMZ Host IP Ac	idress: 192.168.1.100					
			Save/Apply			

5. Click on the **Save/Apply** button.

6. Select **Advanced** menu then click the **UPnP** option.

Ial ADSL			eless	s N Gatewa	ay	NetComm
Basic	3G Se	ttings Wire	eless	Management	Advanced	Status
	•	I		•	ATM Interface	
Basic > Home					WAN Service	
					LAN	
Model Name:		3G29WN2			NAT	
Board ID:		96358A-133			Security	
Software Version:		K611-402NCMN2-C01	R04		Parental Control	
ADSL Driver Versio	n:	A2pB025k.d22b			Quality of Service	
Bootloader (CFE) V	ersion:	1.0.37-102.6-7			Routing	
Wireless Driver Ve		5.10.120.0.cpe4.402.			DNS	
wireless briver ve	SIUII.	5.10.120.0.cpe4.402.			DSL	
Device Info for 3G					UPnP	
					DNS Proxy	
Network:	Faile	d			USB Storage	
Link:	Disc	onnected			Print Server	
Mode:	HSD	DA			Interface Grouping LAN Ports	

7. Ensure that the *Enable UPnP protocol* is **unticked** or disabled.

netcomm gate Dual AD		à Wireles	s N Gatew	ay	/	NetComm
Basic	3G Settings	Wireless	Management	Advanced	Status	
UPnP Configu	ration					
🔲 Enable UP	PnP protocol.					
			Apply/Save			

- 8. Click on **Apply/**Save.
- 9. Reboot the modem. (See the last page of the guide for rebooting instructions)

## Adding Port Forwarding Rules for XBox 360

1. Navigate to <a href="http://192.168.1.1">http://192.168.1.1</a> in a web browser.

C S Attp://192.168.1.1/		6 ☆ ©
	Windows Security	
	The server 192.168.1.1 at NetComm Dual ADSL2+ /3G Wireless N Gateway requires a username and password.	
	Warning: This server is requesting that your username and password be	
	sent in an insecure manner (basic authentication without a secure connection).	
	admin	
	admin	
	Remember my credentials	
	time t	
	OK Cancel	

- 2. Enter **admin** as both the username and password when prompted then click **OK**.
- 3. Select **Advanced** > **NAT** then click the **Port Forwarding** option.

	way™ series  SL2+ / 3G	à Wireless	s N Gatewa	ay	NetComm
Basic	3G Settings	Wireless	Management	Advanced	Status
	·	·	•	ATM Interface	
Basic > Home	9			WAN Service	
				LAN	
Model Name:	3G29WN2			NAT	Port Forwarding
Board ID:	96358A-13	33		Security	Port Triggering
Software Ve	rsion: K611-402N	ICMN2-C01_R04		Parental Control	DMZ host

4. Click the **Add** button to add port forwarding rules.

NETCOMM GATEWAY" Dual ADSL		Vireless N	l Gateway	/	NetGomm
Basic	3G Settings	Wireless	Management	Advanced	Status
NAT Virtual Serve	ers Setup				

Virtual Server allows you to direct incoming traffic from the WAN side (identified by Protocol and External port) to the Internal server with private IP address on the LAN side. The Internal port is required only if the external port needs to be converted to a different port number used by the server on the LAN side. A maximum 32 entries can be configured.



Service Name	External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End	Server IP Address	WAN Interface	Remove	Edit
web	80	80	ТСР	80	80	192.168.1.2	pppoa0		Edit

 Check that the Interface currently selected in the Use Interface field is correct. For Australian customers, use pppoe\_0\_8\_35. For New Zealand customers, use pppoa\_0\_0\_100. For connections using the Ethernet WAN, use eth0.

							NATHMM
ial AD	)SL2+/	3G Wire	eless l	N Gatev	vav		MGLUUIIII
		:					
Basic	3G Settings	Wirele	255	Management	Advanced	Status	
NAT Virtua	Servers						
Port End" car then "Interna		rectly. Normally, it set to the same va	is set to the alue as "Inter	same value as "Ext			/er. NOTE: The "Interna dify "Internal Port Star
Use Interface	pppoa_0_0_1	00/pppoa0 🔻					
Service Name:				_			
	ervice: Select One			• -			
Custom S	ervice: XBox						
	dress: 192.168.1.10	0					
		0		1			
		0		Apply/Save			
Server IP Add	dress: 192.168.1.10			Apply/Save			
Server IP Ado	dress: 192.168.1.100	t End Protocol		t Start Internal Por	tEnd		
Server IP Add External Port	tress: 192, 168, 1, 100	t End Protocol	80	t Start Internal Por	t End		
Server IP Add External Port 80 88	tress: 192, 168, 1, 100	t End Protocol TCP ▼ UDP ▼	80 88	t Start Internal Por 80 88	t End		
Server IP Add External Port 80 88 53	tress: 192.168.1.100 t Start External Port 80 83 53	t End Protocol TCP ▼ UDP ▼ TCP/UDP ▼	80 88 53	<b>t Start Internal Por</b> 80 88 53	t End		
Server IP Add External Port 80 88	tress: 192, 168, 1, 100	t End Protocol TCP ▼ UDP ▼	80 88 53	t Start Internal Por 80 88	t End		
Server IP Add External Port 80 88 53	tress: 192.168.1.100 t Start External Port 80 83 53	t End Protocol TCP ▼ UDP ▼ TCP/UDP ▼	80 88 53 1863	<b>t Start Internal Por</b> 80 88 53	t End		
Server IP Add External Port 80 88 53 1863	tress: 192, 168, 1, 100 t Start External Port 80 88 53 53 1863	t End Protocol TCP ▼ UDP ▼ TCP/UDP ▼ TCP/UDP ▼	80 88 53 1863	E Start Internal Por   80   88   53   1863	t End		
Server IP Add External Port 80 88 53 1863	tress: 192, 168, 1, 100 t Start External Port 80 88 53 53 1863	t End Protocol TCP ▼ UDP ▼ TCP/UDP ▼ TCP/UDP ▼	80 88 53 1863	E Start Internal Por   80   88   53   1863	t End		
Server IP Add External Port 80 88 53 1863	tress: 192, 168, 1, 100 t Start External Port 80 88 53 53 1863	t End Protocol TCP ▼ UDP ▼ TCP/UDP ▼ TCP/UDP ▼ TCP/UDP ▼	80 88 53 1863	E Start Internal Por   80   88   53   1863	t End		
Server IP Add External Port 80 88 53 1863	tress: 192, 168, 1, 100 t Start External Port 80 88 53 53 1863	t End Protocol TCP ▼ UDP ▼ TCP/UDP ▼ TCP/UDP ▼ TCP/UDP ▼ TCP ▼	80 88 53 1863	E Start Internal Por   80   88   53   1863			
Server IP Add External Port 80 88 53 1863	tress: 192, 168, 1, 100 t Start External Port 80 88 53 53 1863	t End Protocol TCP UDP TCP/UDP TCP/UDP TCP/UDP TCP TCP TCP TCP	80 88 53 1863	E Start Internal Por   80   88   53   1863			
Server IP Add External Port 80 88 53 1863	tress: 192, 168, 1, 100 t Start External Port 80 88 53 53 1863	t End Protocol TCP UDP TCP/UDP TCP/UDP TCP/UDP TCP TCP TCP TCP TCP TCP TCP TCP	80 88 53 1863	E Start Internal Por   80   88   53   1863			

- Apply/Save
- 6. To create your own defined port forwarding rule, select the **Custom Service** field and give the port forwarding rule a unique name. This example uses **XBox**.
- 7. Enter the IP address of the XBox that you wish to port forward to in the **Server IP Address** field. In this example, the IP address of the XBox is 192.168.1.100
- 8. Enter the **port** number or port range into the External Port Start and External Port End fields. Note that the Internal Port Start and Internal Port End fields will automatically populate with the same port numbers.
- 9. Select the protocol to be used for the port forwarding rule. Options include TCP, UDP or TCP/UDP for both.

The ports and protocols for XBox 360 are as follows:

Protocol	Port Number
TCP	80
UDP	88
TCP and UDP	53
TCP and UDP	1863
TCP and UDP	3074

10. Click the **Apply/Save** button.

Basic	3G Settin		less	Manageme	at Adva	nced	Status		
	i	igs Wile	1855	Manageme	nu Auva	nceu	Status		
NAT Virte	ual Servers Setup								
Virtual Serve	er allows you to direct	incoming traffic from	the WAN si	de (identified by Pro	tocol and External p	ort) to the Internal s	server with private	IP address	on th
LAN side. Th	e Internal port is requ								
entries can b	be configured.								
				Add Remo	ve				
Service Name	External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End	Server IP Address	WAN Interface	Remove	Edi
web	80	80	тср	80	80	192.168.1.2	pppoa0		Ed
web XBox	80 80	80 80	TCP TCP	80 80	80 80	192.168.1.2 192.168.1.100	pppoa0 pppoa0		Ed
									Ed
ХВох	80	80	ТСР	80	80	192.168.1.100	ррроа0		Ed
XBox XBox	80	80	TCP UDP	80	80	192.168.1.100 192.168.1.100	pppoa0 pppoa0		

- 11. The port forwarding rules will now be displayed as the example above shows.
- 12. Reboot the modem.

## Rebooting the 3G29WN2

1. Select the **Management** > **Save/Reboot** options from the menu at the top of the page.

NETCOMM GATEWAYM SERIES Dual ADSL2+ / 3G Wireless N Gateway							letGomm
Basic 30	6 Settings	Wireless		Management	Advanced	Status	
· ·		•		Device Settings			
Basic > Home				SNMP			
				TR-069 Client			
Model Name:	3G29WN2			SNTP			
Board ID:	96358A-133	96358A-133		Access Control			
Software Version:	Version: K611-402NCMN2-C01_R04			Save/Reboot			

2. Click the **Reboot** button in the middle.

Click the button below to reboot the router.

Reboot