



NetCommWireless

Port Forwarding Setup

(NB16WV-02)

Port Forwarding

Port forwarding enables programs or devices running on your LAN to communicate with the internet as if they were directly connected.

This is most commonly used for VOIP ATA devices or online gaming (via game console or computer).

Port forwarding works by "forwarding" a specific TCP or UDP port from the modem / router to the computer or device you are using.

You can also restrict which incoming connections will have the rule applied to it. This enables you to specify all incoming connections, from a specific subnet or from an individual IP address.*



Different services and different games all use different TCP or UDP ports.

You will need to consult any information supplied with your service or game in order to find which ports need to be forwarded.



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 at 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.

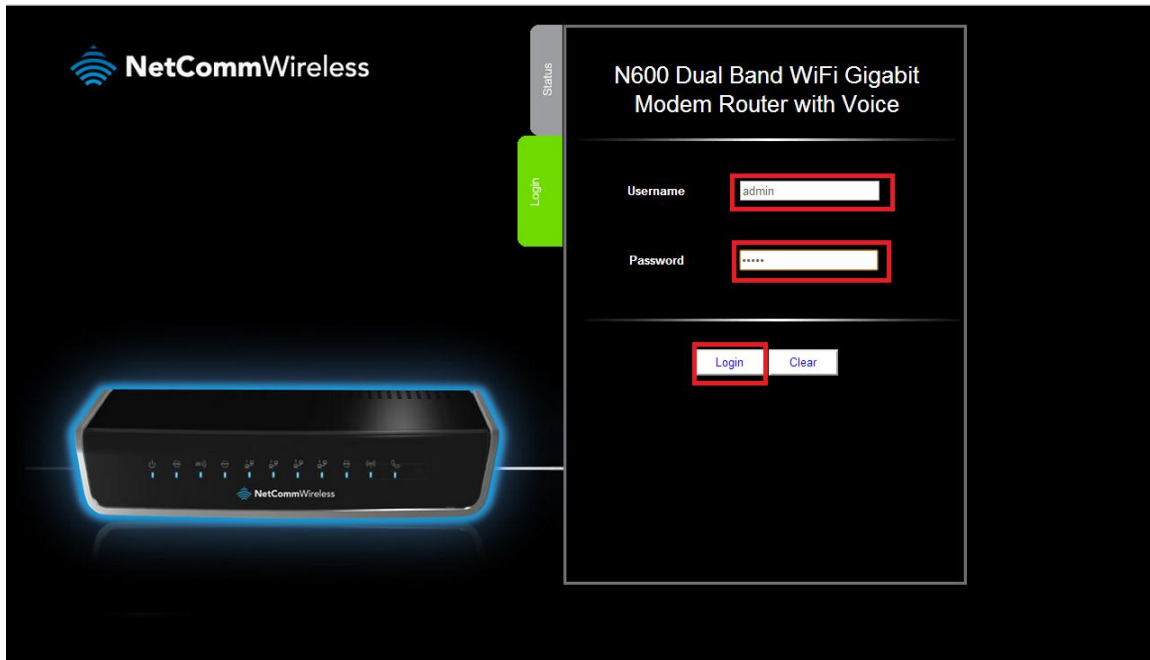
Please consult your VOIP provider or game manufacturer for assistance with this.

* - If supported by your model of modem / router.

Adding a Port Forwarding Rule

This guide will take you through the steps required to add a port forwarding rule to your modem / router.

1. Navigate to <http://192.168.20.1> in a web browser.
2. Enter "admin" (without quotes) as both the username and password and press the **Login** button.



3. Select the "Switch to Advanced View" option at the bottom right hand side of the screen.

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N600 Dual Band WiFi Gigabit Modem Router with Voice

Line Sync :	Established
Sync Speed :	17904 / 925 (kbps)
WAN IP Address :	103.19.10.134
3G Status :	N/A
3G Signal Strength :	N/A
VoIP Status :	Unregistered
Number of Clients connected on Wireless 2.4GHz:	0
Number of Clients connected on Wireless 5GHz:	0

Mobile Broadband


Wireless 2.4GHz

Wireless 5GHz

ADSL

Switch to advanced view

4. Select the **Port Forwarding** option from the **Forwarding Rules** menu.

N600 Dual Band WiFi Gigabit Modem Router with Voice - NB16WV-02  NetCommWireless [Switch to basic view](#)

Status > Network Setup > **Forwarding Rules** > Security Settings > Advanced Settings > VoIP Settings > NAS Settings > Toolbox

Port Forwarding
Port Triggering
Miscellaneous

WAN Interface Status Selection:

IPv4 System Status

Item	WAN Status	Sidenote
IP Address	103.19.10.134	PPPoA
Subnet Mask	255.255.255.255	
Gateway	103.29.30.1	
Domain Name Server	27.111.14.81 , 27.111.14.31	
Connection Time	85:32:43	Disconnect
ADSL Connection (Down Stream/Up Stream)	17904 / 925 (kbps)	

- Enter the port number that you wish to port forward to into the **Service Ports** field.
- Enter the IP address of the device you wish to port forward data to in the **Server IP** field.

ID	Service Ports	Server IP	Enable	Use Rule#
1	22	192.168.20.200	<input checked="" type="checkbox"/>	(0) Always
2	25	192.168.20.200	<input checked="" type="checkbox"/>	(0) Always
3	23	192.168.20.200	<input checked="" type="checkbox"/>	(0) Always
4	5900	192.168.20.200	<input checked="" type="checkbox"/>	(0) Always
5	5901	192.168.20.200	<input checked="" type="checkbox"/>	(0) Always
6	5902	192.168.20.200	<input checked="" type="checkbox"/>	(0) Always
7	5903	192.168.20.200	<input checked="" type="checkbox"/>	(0) Always
8	8080	192.168.20.44	<input checked="" type="checkbox"/>	(0) Always
9			<input type="checkbox"/>	(0) Always
10			<input type="checkbox"/>	(0) Always
11			<input type="checkbox"/>	(0) Always
12			<input type="checkbox"/>	(0) Always
13			<input type="checkbox"/>	(0) Always
14			<input type="checkbox"/>	(0) Always
15			<input type="checkbox"/>	(0) Always
16			<input type="checkbox"/>	(0) Always
17			<input type="checkbox"/>	(0) Always
18			<input type="checkbox"/>	(0) Always
19			<input type="checkbox"/>	(0) Always
20			<input type="checkbox"/>	(0) Always

- Enter a tick to enable the port forwarding rule and set the **Use Rule** option to Always.
- Press the **Save** button at the bottom of the page to Save the port forwarding rule.
- Please note:** Some services require more than one port forwarded. You can do this by specifying a sequential range of ports instead of just one.

For example: 6881-6999.



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