



NB16WV VOIP Setup Guide
(for Internode)

Configuring your NB16WV for VOIP Service

The following steps will take you through the process of setting up your VOIP connection.

Step 1: Checking Computer Network Settings:

You will need to connect your computer directly to your VOIP device (modem, or ATA) and set the network connection on your computer to obtain an IP address automatically. Please follow the instructions appropriate for your operating system below:



Below are the instructions for setting Windows XP to obtain an IP address automatically for your ethernet connection:

1. Click on the **Start Menu**, and go to "**Control Panel**".
2. Click on "**Network Connections**".
(If you only see "**Network and Internet Connections**", open that first, and then click on "**Network Connections**".)
3. Right click on "**Local Area Connection**" and select "**Properties**".
4. Double-click on "**Internet Protocol**".
5. Select "**Obtain an IP address automatically**", and "**Obtain DNS server address automatically**".
6. Click "**OK**", and then click "**OK**" (or "**Close**").



Below are the instructions for setting Windows Vista to obtain an IP address automatically for your ethernet connection:

1. Click on the **Start Menu**, and go to "**Control Panel**".
2. Click on "**Network and Sharing Centre**".
(If you only see "**Network and Internet**", open that first, and then click on "**Network and Sharing Centre**".)
3. Click on "**Manage network connections**" (*on the lefthandside of the window*).
4. Right click on "**Local Area Connection**" and select "**Properties**".
5. Double-click on "**Internet Protocol Version 4 (TCP/IPv4)**".
6. Select "**Obtain an IP address automatically**", and "**Obtain DNS server address automatically**".
7. Click "**OK**", and then click "**OK**" again.



Below are the instructions for setting Windows 7 to obtain an IP address automatically for your ethernet connection:

1. Click on the **Start Menu**, and go to "**Control Panel**".
2. Click on "**Network and Sharing Centre**".
(If you only see "**Network and Internet**", open that first, and then click on "**Network and Sharing Centre**".)
3. Click on "**Change adapter settings**" (*on the lefthandside of the window*).
4. Right click on "**Local Area Connection**" and select "**Properties**".
5. Double-click on "**Internet Protocol Version 4 (TCP/IPv4)**".
6. Select "**Obtain an IP address automatically**", and "**Obtain DNS server address automatically**".
7. Click "**OK**", and then click "**OK**" again.



Below are the instructions for setting Mac OS X to obtain an IP address automatically for your ethernet connection:

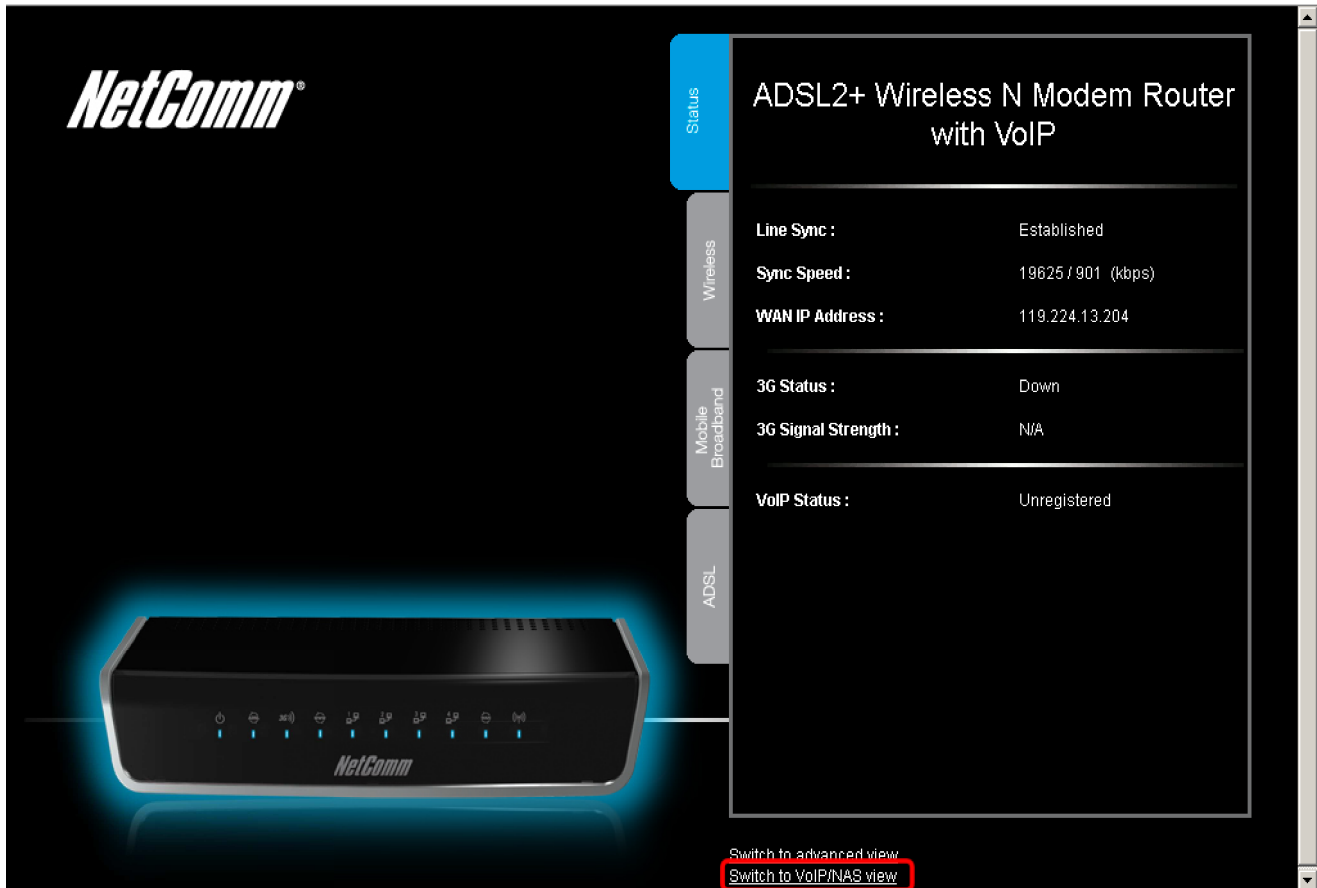
1. Click on the Apple Menu, and go to "**System Preferences**".
2. Click on "**Network**".
3. Click on "**Ethernet**" or "**Built-in Ethernet**".
4. Click on the "**Configure**" drop-down box, and select "**Using DHCP**" then click "**Apply**".

Step 2: Configuring your VOIP settings:

Troubleshooting Tip

One sided VOIP calls may be an indication of a missing or misconfigured port forwarding rule.

1. Navigate to <http://192.168.1.1> in a web browser, using "admin" as both the username and password.



2. Select the "Switch to VoIP/NAS view" from the bottom of the page.

3. Select the **Service Domain** option from the **SIP Setting** menu.

The screenshot shows the NetComm NB16WV - ADSL2+ Wireless N Modem Router with VoIP configuration page. The top navigation bar includes 'Status', 'Phone Book', 'Phone Setting', 'SIP Setting', 'Other VoIP Settings', and 'NAS Settings'. The 'SIP Setting' menu is expanded, showing options: 'Service Domain', 'Port Setting', 'Codec Setting', 'DTMF Setting', and 'Other Settings'. The 'Service Domain' option is highlighted with a red rectangle. Below the menu is a table with 10 rows, each representing a SIP profile. The table has columns for ID, Name, and Enable. The 'Enable' column contains checkboxes. At the bottom of the table are navigation buttons: '<< Previous', 'Next >>', 'Save', and 'Undo'. The URL at the bottom left is 'http://192.168.1.1/voip20sd.htm?rc='.

NetComm® NB16WV - ADSL2+ Wireless N Modem Router with VoIP

Switch to basic view
Switch to advanced view

Status ▶ Phone Book ▶ Phone Setting ▶ **SIP Setting** ▶ Other VoIP Settings ▶ NAS Settings

Service Domain
Port Setting
Codec Setting
DTMF Setting
Other Settings

ID	Name	Enable
1	<input type="text"/>	<input type="checkbox"/>
2	<input type="text"/>	<input type="checkbox"/>
3	<input type="text"/>	<input type="checkbox"/>
4	<input type="text"/>	<input type="checkbox"/>
5	<input type="text"/>	<input type="checkbox"/>
6	<input type="text"/>	<input type="checkbox"/>
7	<input type="text"/>	<input type="checkbox"/>
8	<input type="text"/>	<input type="checkbox"/>
9	<input type="text"/>	<input type="checkbox"/>
10	<input type="text"/>	<input type="checkbox"/>

<< Previous Next >> Save Undo

http://192.168.1.1/voip20sd.htm?rc=

4. Enter the following details as given to you by Internode, your VoIP Service Provider.

NetComm NB16WV - ADSL2+ Wireless N Modem Router with VoIP

Switch to basic view
Switch to advanced view

Status ▶ Phone Book ▶ Phone Setting ▶ SIP Setting ▶ Other VoIP Settings ▶ NAS Settings

Item	Setting	
Display Name	<input type="text"/>	VoIP phone number provided to you by Internode or as otherwise directed by Internode
User Name	<input type="text"/>	
Register Name	<input type="text"/>	
Register Password	<input type="text"/>	Internode VoIP account password.
Realm	<input type="text"/>	sip.internode.on.net or as per Internode
Domain	<input type="text"/>	sip.internode.on.net or as per Internode
Proxy Server	<input type="text"/>	sip.internode.on.net or as per Internode
Registrar	<input type="text"/>	sip.internode.on.net or as per Internode
Use Outbound Server	<input type="radio"/> Enable <input checked="" type="radio"/> Disable	Enable/disable as per Internode's instructions
Outbound Proxy	<input type="text"/>	sip.internode.on.net or as per Internode
Subscribe for MWM	<input type="radio"/> Enable <input checked="" type="radio"/> Disable	Enable/disable as per Internode's instructions
Refresh time for MWM	<input type="text" value="360"/>	Leave as default or as per Internode's instructions
MWM Server URI	<input type="text" value="fxs1.mwi.com"/>	
Status	Unregistered	

Save Undo

SIP Setting Details

Display Name	VoIP Account Phone Number as provided by Internode.
User Name	VoIP Account Phone Number as provided by Internode.
Register Name	VoIP Account Phone Number as provided by Internode or as otherwise instructed by Internode.
Register Password	VoIP Account Password as provided by Internode.
Realm	sip.internode.on.net or as otherwise directed by Internode.
Domain	sip.internode.on.net or as otherwise directed by Internode.
Proxy Server	sip.internode.on.net or as otherwise directed by Internode.

Registrar	sip.internode.on.net or as otherwise directed by Internode.
Use Outbound Server	Enable or Disable according to your VoIP account type. If you are unsure consult Internode.
Outbound Proxy	sip.internode.on.net or as otherwise directed by Internode.
Subscribe for MWI (Message Waiting Indicator)	Enable or disable as per Internode's instructions (if the VoIP account has this feature enabled).
Refresh Time for MWI	Leave as default (360) or as per Internode's instructions.
MWI Server URL	Leave as default or as directed by Internode.

5. After entering all required fields click on the "**Save**" button and check the Status at the bottom of the page. The status should change to "**Registered**" if all the settings entered are correct and you have a current connection to the internet.
6. Check for a dial tone on your phone handset. The VoIP account should now be active and you should now be able to make and/or receive VoIP phone calls (depending on the type of VoIP account you are using).