



NB9WMAXXN VOIP Setup Guide

(for Generic VOIP Setup)

Configuring your NB9WMAXXN for VOIP

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. Open your web browser and go to the address <http://192.168.1.1>, using admin as the username and password.
2. Select **"Voice"** from the menu on the lefthand side.
3. Enter the following information into the marked sections:

NetComm™
Integrated Access Device

Basic
Voice
SIP Basic Setting
SIP Advanced Setting
SIP Debug Setting
Dial Plan
Wireless
Management
Advanced
Status

Voice > SIP configuration

Enter the SIP parameters and click Start/Stop to save the parameters and start/stop the voice application.

Interface name: It should be on ppp_8_35_1

Local selection: Select *AUS Australia for Australian user

Preferred codec list:

Preferred ptime: Given to you by your VoIP Service Provider

☒ Use SIP Proxy.

SIP Proxy:

SIP Proxy port:

Registration Expire Timeout:

SIP domain name:

☐ Use SIP Outbound Proxy.

VoIP Service Provider
Phone Number

Should be Ticked

LineEnabled	Extension	Display Name	Authentication Name	Password
1 <input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2 <input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

VoIP Service Provider Password

Save/Apply

- Interface name ppp_8_35 (from drop down menu)
- Local selection AUS – Australia (from drop down menu)
- Preferred codec list G729, G711A, G711U (from drop down menu)
- Preferred ptime As per your VOIP service provider
- Use SIP proxy should be ticked
- SIP proxy As per your VOIP service provider
- SIP proxy port 5060
- Register expire timeout As per your VOIP service provider
- SIP domain name: As per your VOIP service provider
- LineEnabled should be ticked
- Extension Your supplied VoIP number
- DispName Your supplied VoIP number
- Authentication Name Your supplied VoIP number
- Auth. Password Your supplied VoIP Password

Leave the remaining options unchanged and click **"Save/Apply"**.
Your VOIP device should then restart and connect to your VOIP service.