Firmware Version: F111-S306NCM-C02_R09

➢ Filename: NB12WD-F111-S306NCM-C02_R09.bin
➢ Date: 05, October, 2009

Fixes / Changes

1. Fix the PSTN line incoming call CLI issue

Outstanding / Known Issues
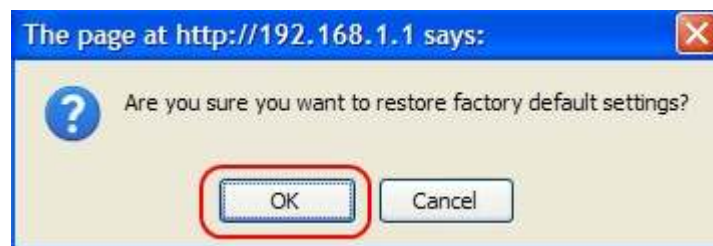
None

Upgrade Instructions

1. Connect the computer to any LAN socket on the NB12WD.

2. Open the web browser (IE, Mozila firefox, etc) on the computer, type in *http://192.168.1.1* on the address bar, and then press **Enter**.

3. On the left-hand side menu, click on **Management > Update Software**;

4. On the right-hand side, click on the **Browse** button to search your local hard drive and locate the firmware to be used for update. Select the firmware file and press **Open.**

5. Click **Update Software** to proceed. It will take a few minutes until a message show up to indicate the upgrade succeeds.

6. Do not turn off the modem during the upgrade.

7. Please double check if the software version is F111-S306NCM-C02_R08 as shown in above screenshot, go to next step if it is, otherwise, please go back to step 1.

8. Go to Management > Restore Default, click "Restore Default Settings" button then click ok in the pop up window to implement restore default settings on NB12WD.

9. NB12WD would reboot itself again and please wait for at least 2 minutes.

DSL Router Restore

The DSL Router configuration has been restored to default settings and the router is rebooting.

Close the DSL Router Configuration window and wait for 2 minutes before reopening your web browser. If necessary, reconfigure your PC's IP address to match your new configuration.

10. NB12WD reboots and the WebUI comes back as following:

11. Firmware upgrade is done.

Firmware Version: F111-S306NCM-C02_R08

- ➢ Filename: NB12WD-F111-S306NCM-C02_R08.bin
- ➢ Date: 26, February, 2009

Fixes / Changes

2. Fix: When receiving "183 Session" and "180 Ringing" at the same time, NB12WD will cancel the phone call.
3. Fix: With multiple BRAS, if the PPP session is dropped, then the PPP session won't be reestablished automatically.

Outstanding / Known Issues

None

Firmware Version: F111-S306NCM-C02_R07

- ➢ Filename: NB12WD-F111-S306NCM-C02_R07.bin
- ➢ Date: 05, January, 2009

Fixes / Changes

1. Fix: Fixed SIP proxy/domain issue.

Outstanding / Known Issues

None

Firmware Version: F111-S306NCM-C02_R06

➢ Filename: NB12WD-F111-S306NCM-C02_R06.bin
➢ Date: 01, December, 2008

Fixes / Changes

1. Fix: In the basic of wireless, the settings can't be changed with "Save/Apply".
2. Fix: Correct the firmware name with the SNMP query.

Outstanding / Known Issues

None

Firmware Version: F111-S306NCM-C02_R04

➢ Filename: NB12WD-F111-S306NCM-C02_R04.bin
➢ Date: 30, October, 2008

Fixes / Changes

Official release version of F111-S306NCM-T01_R03

Outstanding / Known Issues

None

Firmware Version: F111-S306NCM-T01_R03

➢ Filename: NB12WD_F111-S306NCM-T01_R03.bin
➢ Date: 29, October, 2008

Fixes / Changes

1. Add: Switch to PSTN automatically, when the ADSL is down, the SIP doesn't register successfully and the default is the direct mode.
2. Add: Silence Suppression: On / Off on the web GUI.
3. Modify with the new default settings as the file, NB12WD_factory_default_settings.

Outstanding / Known Issues

None

Engineer: Kurt Liu

Firmware Version: F111-S306NCM-T01_R02-1020

- ➢ Filename: F111-S306NCM-T01_R02 (1020).bin
- ➢ Date: 20, October, 2008

Fixes / Changes

1. Add an item, Silence Suppression, on the web. (Default: Disable)
2. Hide "Wireless Guest Network" on the web.
3. For wireless SSID, change "wireless" for " NetComm Wireless".
4. Switch to PSTN automatically, when Internet is down or VoIP can't register successfully.

Outstanding / Known Issues

1. It should get PSTN dial tone when VoIP is down or not registered or internet is down.
2. Emergency call should be "Landline" by default not VoIP
3. Wireless channel by default should be "Auto"
4. Fax mode by default should be Force T.38

Firmware Version: F111-S306NCM-T01_R02

- ➢ Filename: NB12WD-F111-S306NCM-T01_R02.bin
- ➢ Date: 26, September, 2008

Fixes / Changes

1. Add an option [VoIP|Landline] for Emergency call route at Voice>SIP pages.
2. Fix the httpd crushed while the DHCP option of the server does not default gateway option with MER mode.
3. Adding DHCP process does not update the default gateway in the routing table while the DHCP server does not provide it with MER mode.
4. Block DHCP packets forwarding/incoming through the bridged PVC while DHCP server of the router is enabled.
5. Fix the issue of no voice heard once "unknown RTP" packets is received. (E.G With Adam Internet's SIP server)
6. Add the support of the emergency call default to the PSTN line and the secondary as VoIP while the route is "Landline" and the PSTN is disconnected.

Outstanding / Known Issues

None

Firmware Version: F111-S306NCM-C02_R03

- ➢ Filename: NB12WD-F111-S306NCM-C02_R03.bin
- ➢ Date: 17, June, 2008

Fixes / Changes

1. Add a Quick Setup page for Netcomm version screens.
2. Ring Signal: The level shall be sufficient to produce a minimum ring voltage of 50 v.r.m.s.
3. Ring frequency: 25 Hz

Outstanding / Known Issues

None

Firmware Version: F111-S306NCM-T01_R02

➢ Filename: NB12WD-F111-S306NCM-T01_R02.bin
➢ Date: 06, May, 2008

Fixes / Changes

N/A

Outstanding / Known Issues

N/A

Firmware Version: F111-S306NCM-T01_R02

➢ Filename: NB12WD-F111-S306NCM-T01_R02.bin
➢ Date: 06, April, 2008

Fixes / Changes

N/A

Outstanding / Known Issues

N/A

Firmware Version: F111-S306NCM-T01_R01

➢ Filename: NB12WD-F111-S306NCM-T01_R01.bin
➢ Date: 07, February, 2008

Fixes / Changes

1. Merge in A-Tick parameters from NB9WMAXX platform for preparation for lab testing.
2. Untick DSL Auto-connect, Change default VPI to 8, Tick Enable Quality of Service, Set Default Connection Type to PPPoE.
3. Check Automatically synchronize with Internet time servers.
- First NTP time server : ntp0.coreng.com.au
- Second NTP time server : ntp0.cs.mu.oz.au
- Time zone offset : (GMT+10:00) Canberra, Melbourne, Sydney
4. Add SNMP system name change to NB12WD
5. Hide Advanced Setup -> Certificate submenu.
6. Bug Fix : When a PPPoE session is dropped and re-established, NAT uses the old WAN IP address

Outstanding / Known Issues

1. RFC2833 Out-Band DTMF signalling doesn't work over DECT. Works fine on FXS ports.
2. By default TX gain is -13dB. I have found this to be low and needs increasing. +5dB seems to work well. Increase Trunk Line 1 & 2 Gain Level to +5dB
3. Change VoIP dial tone to Stutter (413+438/100,0/40) - As implemented in NB9W_C211-S306TPG-T05_R05
4. Make Differentiating PSTN & VoIP Dial Tone enabled by default
5. VoIP Interface Name: put it as empty to force End-user must set it to correct Wan inf.
6. Bug Fix : Voice -- DECT configuration page-Often after settings have been applied, the page refreshes with '0' parameters, e.g. DECT HW Version 0, DECT SW Version 0, . . . Pin Code 0000

Firmware Version: F111-S306NCM-T01_R02

➢ Filename: NB12WD-F111-S306NCM-C02_R01.bin
➢ Date: 23, October, 2007

Fixes / Changes

N/A

Outstanding / Known Issues

N/A