

## Information

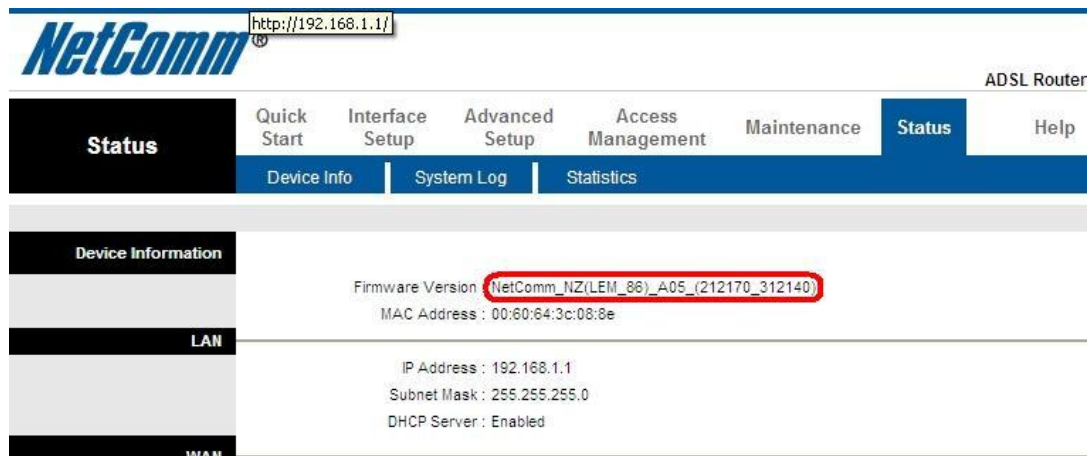
NetComm Product Name	NB14 (NZ)
NetComm Product Description	ADSL2+ Single Port Modem Router
Firmware Version	NetComm_NZ(LEM_86)_A05_(212170_312140)
Official / Beta Firmware	Initial Official Release
File Name	NetComm_NZ(LEM_86)_A05_(212170_312140)-ras.zip Note: the firmware file name to be used for upgrade is called 'ras'
File Size	999 KB
Date	7 <sup>th</sup> of February 2010

## Upgrade Instruction

1. Extract *NetComm\_NZ(LEM\_86)\_A05\_(212170\_312140)-ras.zip* into a folder.
2. Connect the correct PSU into the *Power* port of the NB14 and power it *On* by pressing the *Power* button next to the *Power* port.
3. Connect the computer to the LAN socket on the NB14 and wait for about 2 minutes until the computer gets the proper IP address (192.168.1.x, x=2-254)
4. On the computer, open any web browser and type in the NB14 IP address (by default is <http://192.168.1.1>) in the address bar and hit *Enter*.
5. Navigate to *Maintenance > Firmware*

The screenshot shows the NetComm web interface for an ADSL Router. The navigation menu includes Maintenance, Status, and Help. Under Maintenance, there are sub-menus for Administration, Time Zone, Firmware, SysRestart, and Diagnostics. The Firmware/Romfile Upgrade page is active, displaying the current firmware version as NetComm\_NZ(LEM\_86)\_A05\_(212170\_312140). It provides input fields for New Firmware Location and New Backupfile Location, each with a Browse... button. A Backup button labeled BACKUP FILE is also present. A status message with a red warning icon states: "It might take several minutes, don't power off it during upgrading. Device will restart after the upgrade." At the bottom, there is a large blue button labeled UPGRADE.

- Click *Browse* and locate the file that was extracted in the *Step 1* above.
- Select the firmware file named *ras* and press *Open* (please do not change the firmware filename).
- Click *Upgrade*. Warning: do not power off the NB14 during firmware update process. The process should take about 3 minutes.
- Once it is done, please check the Status page and make sure the *Firmware Version* is NetComm\_NZ(LEM\_86)\_A05\_(212170\_312140)-ras.



- Navigate to *Maintenance > SysRestart*, tick *Factory Default Settings* and click *Restart*.

## Features

### A05 (Initial Official Release)

- Quick Start Wizard
- Supports up to 8 Virtual Channel Connections (VCCs)
- Supports PPPoE, PPPoA, and Bridge Mode
- Provides DHCP Service
- Provides Firewall and Stateful Packet Inspection
- Supports Dynamic (RIP 1 and RIP 2) and Static route
- Supports IGMP Snooping
- ADSL mode supported: G.lite, G.dmt, ADSL2 and ADSL2+
- NAT/Port Forwarding and DMZ
- Supports QoS and VLAN
- Remote management via Web UI (port 80), FTP (port 21), and Telnet (port 23)
- Filtering function: IP/MAC filter, Application Filter and URL Filter
- UPnP compliance
- DDNS with DynDNS
- Supports CWMP(TR069)

- Configuration Save and Restoration

## Known Issue

- N/A

## Version History

### A05\_NZ (Initial Official Release)

- Initial firmware release

## Remark

- Unit can only restore a configuration from a file named **rom-0**. Please do not change the filename when making a configuration backup.
- Unit can only firmware-upgrade from a file named **ras**. Please do not change the firmware filename.