N3200PRO Firmware v1.00.06 Release Note

[Release Date]

Jan 26, 2010

[Applicable Hardware]

Thecus N3200PRO IP Storage Server

[Software Upgrade/Downgrade Note]

1. We recommend backup the RAID data before firmware upgrade. There is potential risk of data loss when upgrade the NAS firmware and Thecus is not responsible for any data loss and recovery.
2. After firmware v1.00.06 installed, the new software doesn't allow users to downgrade to any firmware version below v1.00.06.
3. System Configuration Download/Upload does not support different software version.
   Reminder : After upgrade to latest firmware, download configuration and save separately.

[New Features/Changes]

1) **Changed Samba version to 3.0.37 to fix the ADS joining issue and also the access issue under Linux via SMB/CIFS.**
2) **Added a function that anonymous FTP user can upload data but cannot modify or delete them.**
3) **This firmware version also applies to M3800 but nothing changed regarding to the OSD playback issues.**

[Bug Fixes]

1) **Fixed the issue that could not modify the Domain Name from WAN Setup page.**

[Known Problems]

1) Cannot mount an USB HDD with NTFS formatted partition(s).
2) When NAS admin do the file system check, UI didn't indicate how long it will take. Actually, the necessary time depends on the RAID capacity, the bigger the longer.
3) USB copy function didn't work for MP3 player thru USB interface.
4) **When OSD turned on, the SMB/CIFS/AFP/FTP/NFS performance will drop significantly. Thecus reminds you to turn off the OSD when users care about the NAS performance. (For M3800 only)**

[Known Limitations]

1. Supports the following USB wireless dongles only. And it has to be installed before NAS

booting up, no PnP.

[ZyDAS ZD1211]

a. 3Com 3CRUSB10075 (Manufacture ID: 6891, Device ID: A727)

b. Zyxel ZyAIR G-220 (Manufacture ID: 0586, Device ID: 3401)

c. PCI GW-US54mini (Manufacture ID: 14EA, Device ID: AB13)

[ZyDAS ZD1211B]

d. Zyxel ZyAIR G-220 V2 (Manufacture ID: 0586, Device ID: 340F)

2. File size has to be less than 1GB to be uploaded to the M3800/N3200PRO from web browsers. FTP software has no such limitation.
3. File names and folder names should not contain more than 250 characters in their entire directory path to prevent errors occur in the file copy operations.
4. The following characters are not allowed to be included in the name used for files or folders on the M3800/N3200PRO.
   / \ : * ? ” < > | [ ] = + ; ,
5. When copying a file that uses superscript in its file name (common with some international character sets), the date and time attributes may not be properly set on the M3800/N3200PRO for that particular file.
6. File and directory attributes can not be modified by an FTP client when the M3800/N3200PRO FTP server is enabled.
7. Up to six external USB devices (including the memory cards on the USB card reader) can be connected to M3800/N3200PRO concurrently.
8. When using multi-slot USB card reader, insert memory card into card reader before connecting card reader to M3800/N3200PRO. When removing, please disconnect card reader from M3800/N3200PRO prior to remove memory card.
9. If a USB hard drive has partitions, only the first three partitions can be detected by the M3800/N3200PRO.
10. Some attributes may not be included with files and folders when copying to a USB drive with FAT32 format.
11. If a USB hard drive is connected to M3800/N3200PRO formatted as FAT16/32, the following restrictions apply:
    - Copy file with size greater than or equal to 2 GB to the M3800/N3200PRO can not be performed due to FAT file system limitation.
    - Files created by Mac OS X like DS_Store can not be copied to the FAT16/32 USB drive.
12. The file downloaded from M3800/N3200PRO via Microsoft IE might include extension index number in its file name.
13. UPnP function only works on WAN interface.
14. When adding second HDD into JBOD RAID, all services such as WebDisk, SMB/CIFS, FTP, and iTunes will be temporarily disabled. Once the JBOD resizing completes, all services will be turned on according to original settings.

15. When click on an MP3 file on WebDisk page, IE may launch Windows Media Player to play it. The file name shows on play list will just be “download”. However, right click on the MP3 file, save it to local disk, and then you will see correct file name on the Windows Media Player while play it.
16. Writing a file larger than 2 GB is not allowed by MAC OS-9.
17. The following characters are not allowed to be included in the name used for a file or shared folder when using Mac OS (AppleTalk) devices.
    ? [ ] / \ = + < > ; : ” , | *
18. Mac OS Limitations
    a. When using Mac OS X (post 10.2 with AppleTalk) without SMB, do not use Japanese characters in folder or file names to prevent errors accessing the data over a network.
    b. Mac OS 9 and Mac OS X can not see files on the network with names made up of over 32 characters.
    c. Mac OS 8.x/9.x only support local character encoding on file names (without Unicode support).
    d. Occasionally, when a file is accessed by a Mac OS computer within a shared folder, an information file will be created in the same folder. If the file is then deleted by a Windows OS computer, the original file may no longer be accessible by Mac OS computers.
19. Single file size upper limitation: 2TB
20. NAS needs about 3~5 minutes to broadcast/register itself to other Mac OS through AppleTalk after booting up and service enabled.
21. File system check page is in English, no multilingual.
22. FTP port should follow the rules given below.
    - Larger than 1024
    - Could not use 3169
    - Port 21 is allowed

    HTTP and HHTPS port should follow the rules given below.
    - Larger than 1024
    - Could not use 3169 and 11000
    - Port 80 and 443 are allowed
23. iTunes Server and Media server will periodically rescan the audio/video files in the NAS and it will affect the disk power management. You may set the iTunes rescan interval longer thus the HDD will get into stand by mode. But the scan interval of Media server cannot be adjusted.
24. Disk Power Management : some HDD may not respond to “idle spin down” command, and they won’t get into stand by mode even if the specified idle time had been reached.
25. Thecus official modules: all the modules provided by Thecus can only be upgraded by removing the old version then install the newer version.

26. Avoid to set the folder access mode in NFS to “anonymous” if the share folder was set to ACL controlled already.

[Attention]

1. **During firmware upgrade and installation process, it is imperative that user DO NOT turn off the power to M3800/N3200PRO or closes the browser window. This will lead to catastrophic result. If your browser is set to cache the screen, after firmware upgrade has started for 5 minutes, please press CTRL-F5 to reload browser screen from server instead of from browser cache.**
2. When installing the Windows Wizard program of M3800/N3200PRO on WinXP Professional SP1 or SP2, the firewall UDP ports 10000 and 10001 need to be opened.
3. Reset to factory default function automatically resets all the system settings including network settings, administrator password, user groups, language setting, system notification setting, and time zone setting.
4. Hardware reset button triggers the M3800/N3200PRO to reset its network settings and administrator password.
5. To avoid accidentally shutdown the M3800/N3200PRO, the power button of the M3800/N3200PRO is designed to take effect only when it is being pressed and held three seconds constantly
6. Users should obey the international RF regulatory rules as they set up the wireless RF channel on the M3800/N3200PRO. The RF operating channels for different regions have been specified as following. Thecus has no responsibility for users attempting to violate the international RF regulation.

    11 for N. America
    14 Japan
    13 Europe (ETSI)
    2 Spain
    4 France