



Netstor 3U 16 bays Rackmount

Quick Installation Guide

First Edition, Sep. 2007

1. Overview

Netstor 3U 16 bays SAS/SATA desktop storage solution provides a best performance and most easy way to expand external storage capacity through the high bandwidth miniSAS interface architecture. With the IPC-grade Power Supply and No-noise cooling design allows Studio usage in long period Video/Audio Editing and close-proximity application.

2. Package Checklist

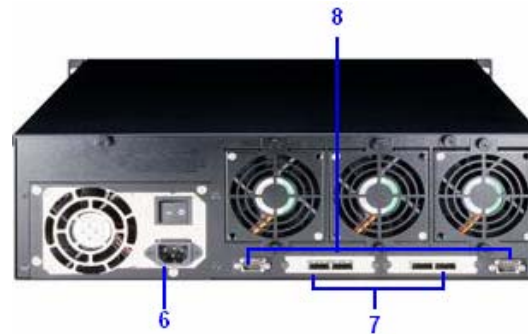
Before installing this unit, verify that package contains the following items.

- Enclosure x 1
- HDD Tray x 16
- Power Cord x 1
- CD-User Manual x 1
- Hard Drive Mounting Screw x 64
- Key for HDD tray x 2
- miniSAS to miniSAS cable x 4 (Optional)

Notify your sales representative if any of the above items are missing or damaged.

3. Product Description

Panel Layout



1. HDD Power LED
2. HDD Status LED
3. Mute Button – Reset for Buzzer Beeping
4. Fan Status LED
Normal – Green;
Fail – Red (too slow rpm or stop)
5. Temperature LED
Normal – Green; Over 55°C – Red
6. Power Cord Receptacle
7. miniSAS (SFF8088) connector for connection with Host system.
8. DB9 connector – Connecting SGPIO signal for HDD fail display

4. Product Connection

- 4.1 Connecting the Host Channel 1~4 to the miniSAS connector marked With no. 1 and Channel 5~8 to miniSAS connector Marked with no. 2 etc...

RS-232 connection-

The following connection only for using Areca's SATA card of ARC-1231ML, ARC-1261ML and ARC-1281ML.

4.2 This enclosure particularly supports Areca's SATA card of ARC-1231ML, ARC-1261ML and ARC-1281ML with SGPIO signal for enclosure management of HDD fail display. Please purchase Netstor's optional converter kits of **NS970S-SGPIO** package then you will have an extra RS-232 cable(s) for connection between Host (on NS970S) and this Chassis.

5. Optinal Accessories

Cable :



AAMMM1- Length: 1m
External miniSAS (SFF8088) to miniSAS(SFF8088) cable

Converter:



NS970S-
Quad Internal miniSAS(SFF8087) to Quad External miniSAS (SFF8088)



NS970S-SGPIO Package
Quad Internal miniSAS(SFF8087) to Quad External miniSAS (SFF8088), With RS-232 cable for External SGPIO connection.