



Netstor 2U 12 bays Rackmount

Quick Installation Guide

First Edition, Sep. 2007

1. Overview

Netstor 2U 12 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 12
- Power Cord x 1
- CD-User Manual x 1
- Hard Drive Mounting Screw x 48
- Key for HDD tray x 2
- miniSAS to miniSAS cable x 3 (Optional)

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

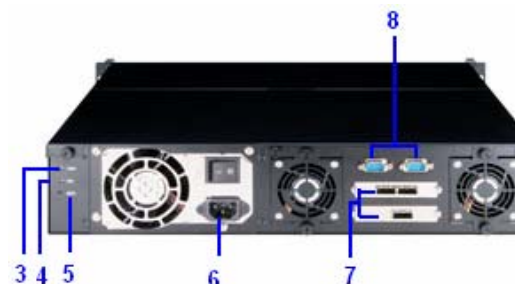
3. Product Description

Panel Layout



1. HDD Power LED

2. HDD Status LED



3. Temperature LED

Normal – Green; Over 55°C – Red

4. Fan Status LED

Normal – Green;
Fail – Red (too slow rpm or stop)

5. Mute Button – Reset for Buzzer Beeping

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.