

**Scalable for Mass Storage Expansion**



- Robust 2U/3U Rackmount Chassis
- Backplane design for multiple bays SAS/SATA Drives
- Built-in SAS Expander for single miniSAS(SFF8088) cable connectivity
- Supports Two(2) miniSAS ports for next storage expansion
- LCD control panel for setup, alarm mute and configuration
- Individual Key lock of each HDD tray for physical security
- LED indicators for HDD power, activity and failure for each removable tray

**Overview**

Netstor's enterprise-class 2U/3U SAS Expander JBOD series is designed to provide storage expansion for SAS RAID controller or SAS RAID adapter(SAS HBA). The enclosure is equipped with SAS Expander to support twelve(2U) or sixteen(3U) high-reliable SAS drives or

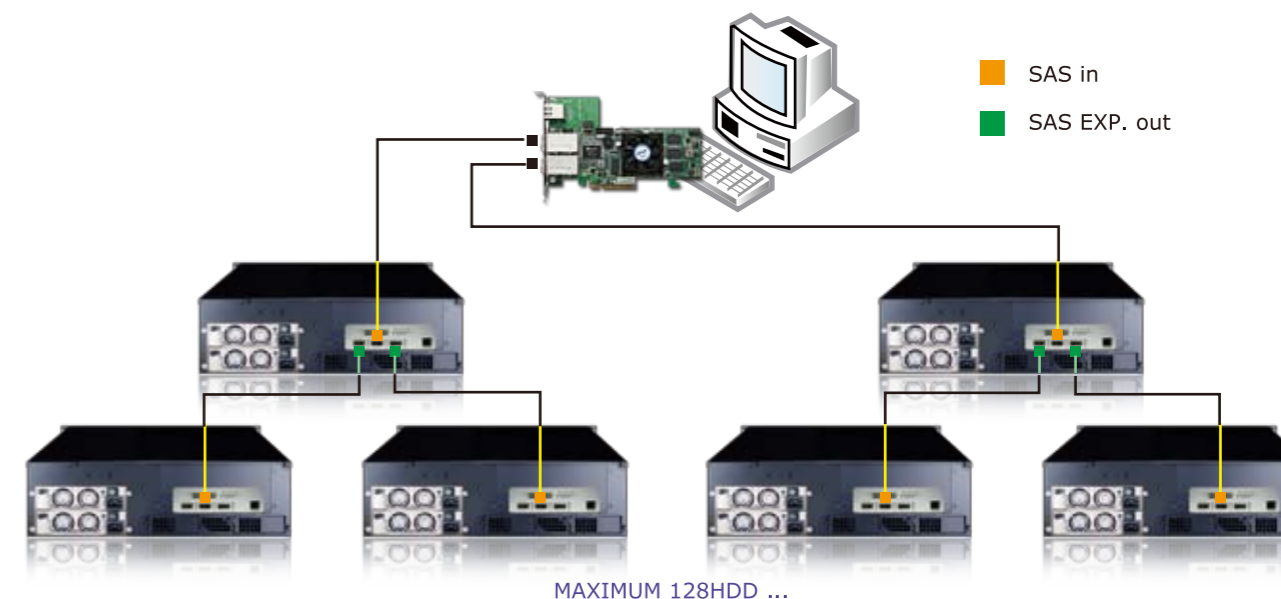
high-capacity SATA devices from only single miniSAS cable host connectivity and provided two more miniSAS ports to allow to scale up to 7 units of SAS expander enclosure for the most cost-effective storage expansion.

**Advanced Storage Management**

The 2U/3U SAS Expander series provide twelve/sixteen removable drive trays and each tray with built-in power, LED, activity LED and failure LED indicators for displaying the status of each single Hard Disk. Moreover, the enclosure is integrated with a LCD control panel for complete storage management of easy system setup, alarm mute and configuration.



**Connectivity Diagram**



**Specifications**



Model	NS320S-8020	NS330S-8020
Form-Factor	2U 12 bay	3U 16 bay
Host Interface	Single miniSAS(SFF8088)	Single miniSAS(SFF8088)
HDD Interface	SAS/SATA (3Gbps)	
No. of Disk(s)	Up to 12	Up to 16
Raid Function	JBOD/Raid	
SAS Expander	Built-in SAS Expander	
Expansion Port	Two miniSAS connector for next storage expansion	
LED Display for each Tray	White - Power ON indicator , Blue- Busy (HDD Accessing) indicator	
LCD Control	LCD control panel for setup, alarm mute and configuration	
LED Display for Enclosure	Power-On LED - White , FAN Normal -Green ; FAN Fail - Red TEMP. Normal-Green ; TEMP. over 50°C - Red	
Material	Heavy-duty cold-rolled steel Housing	
Power Supply	mini-Redundant 400W PSU 100-240V AC, 50/60Hz Universal	
Cooling	Two 75x75x28 mm Hot-Swappable Blowers	
Alarm	Buzzer Beeping for Fan-fail or over temperature(over 50°C) occurs	
External Enclosure Management.	Protocols SES2 over SAS ports	
Dimension	559(D) x482(W) x88(H) mm 22(D) x19(W) x3.5(H) inch	559(D) x482(W) x131(H) mm 22(D) x19(W) x5.16(H) inch
O.S Support	OS Independent	

