



NA321A/NS320S/NS321S

2U-12 bay SAS/SATA JBOD Rackmount Chassis



Supports SAS/SATA 3Gbps disks

Host connectivity by high speed 10Gbps miniSAS (SFF8088)

Backplane design for 12 removable drive trays

Equipped with quiet hot-swappable fan cooling for self-contained ventilation

Individual Key lock of each HDD tray for physical security

Temperature and Fan failure LEDs and mutable buzzer alarm

Overview

Netstor's 2U 12 Bay, hot-swappable, SAS/SATA rackmount chassis is design for direct connection to host HBA with high bandwidth (10Gbps) of miniSAS (SFF8088) cables for 12 disks. This high-performance

and cost-effective solution integrated up to 12-drives in high density 2U is most popular solution for Disks expansion or Raid configuration from Host SAS or SATA HBA.

Application-Friendly

The 2U-12 bay series provide 12 removable drive trays and each tray built-in power and activity LED indicators for each single Hard Disk; moreover, the enclosure is

integrated hot-swappable cooling modules and environment detecting features with LEDs and mutable buzzer alarm for fan-fail and over temperature for user friendly.

Available for Integrated with 5.25" controllers (NS320S)

The NS320S provides a standard 2U-12 bay rackmount chassis with SAS/SATA backplane for customer to integrate any 5.25" standard controller module for becoming different host interface of Fibre, iSCSI or SAS. For instance, NS320S can integrate with Areca's ARC-8060-

Fibre (16-port Fibre-to-SAS Controller) becoming a high-performance and cost-effective 2U-12 bay Fibre host interface. Moreover, the backplane of NS320S is built-in SGPIO to support the HDD fail signal from Areca's controller module for best enclosure management.



Validated Controller Module



- ✓ ARC-8060-SAS 2 x 4 Lanes 3Gbps SAS
- ✓ ARC-8060-Fibre 2 x 4Gbps Fibre
- ✓ ARC-8060-iSCSI 2 x 1Gbps Ethernet

Specifications

Model	NA321A	NS320S	NS321S
Host Interface	Three port miniSAS (SFF-8088) (w/o built-in SAS Expander)	Multilane Screw (Infiniband/SFF8470)	miniSAS (SFF-8088)
HDD Interface	SAS/SATA (3Gbps)		
No. of Disk(s)	Up to 12		
Raid Function	JBOD	JBOD/Raid	JBOD
Hot-Swap	Both on Host and Device		
LED Display for each Tray	Green- Power ON indicator , Blue- Busy (HDD Accessing) indicator		
LED Display for Enclosure	Power-On LED - White , FAN Normal –Green ; FAN Fail - Red TEMP. Normal-Green ; TEMP. over 55°C - Red		
Material	Heavy-duty cold-rolled steel Housing		
Power Supply	Single 400W or mini-Redundant 400W PSU 100-240V AC, 50/60Hz Universal		
Cooling	Two 6 x 6 x 2.5 cm Fan modules	Two 7.5 x 7.5 x 2.8 cm Blowers	Two 7.5 x 7.5 x 2.8 cm Blowers
Alarm	Buzzer Beeping for Fan-fail or over temperature(over 55°C) occurs		
External Enclosure Management	Backplane supports SGPIO		
Dimension	45.6(D) x 48.2(W) x 8.85(H) cm	55.9(D) x 48.2(W) x 8.85(H) cm	55.9(D) x 48.2(W) x 8.85(H) cm
O.S Support	OS Independent		