NA331A/NS330S/NS331S

3U-16 bay SAS/SATA JBOD Rackmount Chassis

NA331A   NS330S   NS331S

Supports SAS/SATA 3Gbps disks

Host connectivity by high speed 10Gbps miniSAS (SFF8088)

Backplane design for eight (16) 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 3U 16 Bay, hot-swappable, SAS/SATA rackmount chassis is design for direct connection to host HBA with high bandwidth (10Gbps) of miniSAS (SFF8088) cables for 16 disks. This high-performance and cost-effective solution integrated up to 16-drives in high density 3U is most popular solution for Disks expansion or Raid configuration from Host SAS or SATA HBA.

SAS Expander Integrated (NS331S)

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Available for Integrated with 5.25" external controllers (NS330S)

The NS330S provides a standard 3U-16 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, NS330S can integrate with Areca's ARC-8060-Fibre (16-port Fibre-to-SAS Controller) becoming a high-performance and cost-effective 3U-16 bay Fibre host interface. Moreover, the backplane of NS330S is built-in SGPIO to support the HDD fail signal from Areca's controller module for best enclosure management.

Validated Controller Module

areca ®

- 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	NA331A	NS330S	NS331S
Host Interface	Quad port miniSAS (SFF-8088) (w/o built-in SAS Expander)	Available for Fibre, SAS, iSCSI (Depends on the 5.25" controller Module)	One port miniSAS for Host, The other miniSAS for next expansion (With SAS Expander function)
HDD Interface	SAS/SATA (3Gbps)		
No. of Disk(s)	Up to 16		
Raid Function	JBOD	JBOD/Raid	JBOD/Raid
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℃ - Red		
Material	Heavy-duty cold-rolled steel Housing		
Power Supply	Single 400W or mini-Redundant 400W PSU		
Cooling	100-240V AC, 50/60Hz Universal		
Alarm	Three 8 x 8 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
External Enclosure Management	Buzzer Beeping for Fan-fail or over temperature(over 55℃) occurs Backplane supports SGPIO		
Dimension	45.6(D) x 48.2(W) x 13.1(H) cm	55.9(D) x 48.2(W) x 13.1(H) cm	55.9(D) x 48.2(W) x 13.1(H) cm
O.S Support	OS Independent		

RoHS Compliant