

2U 12 bay and 3U 16 bay PCIe RAID subsystem



- 20Gbps PCIe x8 host connectivity
- Backplane design allows SAS/SATA drives
- Backplane design allows hard disk fail indication on each tray
- Redundant Hot Swappable Power Supply
- LED indicators for Power, Activity and hard disk fail on each tray
- Environment Monitoring with FAN/TEMP LEDs and mutable buzzer alarm

Overview

Netstor's PCIe RAID series includes NA322A and NA332A, high density 2U 12bay and 3U 16bay rackmount RAID subsystem, couple the 20Gbps PCIe x8 to the computer making it the best backup solution for data intensive solutions. The PCIe RAID series allows users to choose RAID core from PCIe RAID HBAs with

respective number of ports – NA322A 12 ports, NA332A 16 ports. With this advantage, users are able to customize the RAID core with appropriate functionality and scalability to suit their workflow. The excellent performance and the innovativeness won the PCIe RAID series BEST CHOICE of COMPUTEX 2008.

20Gbps host connectivity

Netstor's PCIe RAID series turned the PCIe bus from the motherboard to PCIe x8 external cable with adaptor cards. PCIe x8 delivers a 20Gbps transmission rate; it's five times faster than Fibre Channel. Under such a high

transmission speed, the PCIe RAID is capable of taking on any speed critical tasks, such as content creation, HD streaming or other data intensive applications.



Validated SAS/SATA HBA

adaptec	areca	ATTO	3ware	LSI	HighPoint	PROMISE
RAID 51645 RAID 31605	ARC-1261ML ARC-1680ix-16	R30F	9650SE-16ML	MegaRAID SAS84016	RocketRAID 3540	EX16350

BEST CHOICE of COMPUTEX 2008

The BEST CHOICE competition was attended by 550 products. Many of them were from famous companies in the IT industry. Only 39 products were selected as BEST CHOICE by a group of experts from the industry, the government and the academies. The PCIe RAID was awarded as BEST CHOICE as the reasons below:



- Innovative architecture which allow customer to use any standard SAS/SATA internal RAID control card.
- Fastest external PCI-e x8 host interface up to 20Gbps (5 times faster than Fibre solution).
- A leading solution of external storage products with both high capacity and high speed performance.
- Excellent cost-effective external storage solution for enterprise level in the market.

Specifications



Model	NA322A	NA332A
Form Factor	2U 12 bay	3U 16 bay
Host Interface	20Gbps External PCIe	
HDD Interface	SAS/SATA (3Gbps) depends on the HBA	
No. of Disk(s)	Up to12	Up to16
Raid Function	NA (Depends on the HBA)	
Slot Expansion	Slot Expansion	
LED Display for each Tray	White - Power ON indicator , Blue- Busy (HDD Accessing) indicator Red – Hard disk fail (if HBA supports)	
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 PSU100-240V AC, 50/60Hz Universal	Single 400W or mini-Redundant 400W PSU100-240V AC, 50/60Hz Universal
Cooling	Two 75x75x28 mm Hot-Swappable Blowers	Two 75x75x28 mm Hot-Swappable Blowers
Alarm	Buzzer Beeping for Fan-fail or over temperature(over 50℃) occurs Red LED for hard disk fail on each tray(if HBA supports)	
External Enclosure Management	Backplane supports SGPIO	
Dimension	559(D) x482(W) x88.5(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	