

Enterprise High Density Storage Array

The Nova Storage BCD456-NS-4FC achieves high-performance and scalability with data rates up to 16 Gb/sec fiber channel. Built-in data redundancy using dual RAID controllers with hot swappable parts supports 2.24 petabytes of storage. Protected inside a rugged chassis, dual-redundant power supplies maximize uptime. The combination of high throughput and superior data protection make the BCD456-NS-4FC ideal for IP video streaming and archiving.

KEY FEATURES

Enterprise video surveillance projects with the best throughput performance.

- 10TB Enterprise SAS Drives
- (4) 16G 16GB Fiber Channel Ports
- Up to 560TB of Raw Storage
- Expandable Storage



SAS Drives



RAID Options 0,1,5,6,10 and 50



Five-Year Onsite Warranty



Redundant Power



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CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Manufacturer	BCDVideo
Maximum Storage	560TB, Scalable to 2.2PB
Virtual Disks Per System	32
Volumes per Virtual Disk	256
Volumes per System	1024
Supercapacitor Cache Backup	Yes
Cache Backup to Flash	Yes, Non-Volatile
Networking	(4) 16GbE Fiber Channel Ports SFP+
RAID	0,1,5,6,10 and 50
RAID Controller	Dual 12G Controllers
Expansion Chassis Supported	3
Remote Management	Storage Management Console, Remote Diagnostics, Non-Disruptive Updates, Volume Expansion
Warranty	Five-Year 24/7 Support, Next Business Day Onsite
MECHANICAL	
Form Factor	4U Rackmount
Rack Support	Sliding Rack Rail with Cable Management Arm
Hard Drive Bays	(56) 3.5" Bays
Hard Drives Supported	SATA, SAS
Power Supply(s)	(2) 1200W (200-240VAC)
Operating Temperature	(Min) 41°F - (Max) 104° F [(Min) 5°C - (Max) 40° C]
Operating Humidity	10 ~ 90% @ 104°F (non-condensing)
Spares Kit	(1) Controller, (1) Power Supply, (1) Fan, (2) 10TB SAS Drives
Dimensions (WxDxH)	17.6"(447mm) x 32.9" (836mm) x 7" (178mm)
Max. Weight	198 lbs. (89.81 kg)
Regulatory	UL 60950-1, (USA), CAN/CSA-C22.2 No.60950-1 (Canada) EN 60950-1 (European Union) IEC 60950-1 (International) EN 60950-1 (GS Mark, Germany) CCC Mark (Power supplies only - China PRC), NEBS Level 3, MIL SPEC 810G, IP (RFC, 894, 1092) SCSI-2 AND SCSI-3 This product will comply with applicable safety requirements: OSHA Requirements PART 1910 Occupational Safety and Health Standards, RoHS-6/6 Compliance, China RoHS, WEEE