

### 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



**FOR MORE INFORMATION:** [bcdvideo.com](http://bcdvideo.com) | [sales@bcdvideo.com](mailto:sales@bcdvideo.com) | +1.847.205.1922 **TECH SUPPORT:** [support@bcdvideo.com](mailto:support@bcdvideo.com) | +1.844.462.2384

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CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
<b>Manufacturer</b>	BCDVideo
<b>Maximum Storage</b>	560TB, Scalable to 2.2PB
<b>Virtual Disks Per System</b>	32
<b>Volumes per Virtual Disk</b>	256
<b>Volumes per System</b>	1024
<b>Supercapacitor Cache Backup</b>	Yes
<b>Cache Backup to Flash</b>	Yes, Non-Volatile
<b>Networking</b>	(4) 16GbE Fiber Channel Ports SFP+
<b>RAID</b>	0,1,5,6,10 and 50
<b>RAID Controller</b>	Dual 12G Controllers
<b>Expansion Chassis Supported</b>	3
<b>Remote Management</b>	Storage Management Console, Remote Diagnostics, Non-Disruptive Updates, Volume Expansion
<b>Warranty</b>	Five-Year 24/7 Support, Next Business Day Onsite
MECHANICAL	
<b>Form Factor</b>	4U Rackmount
<b>Rack Support</b>	Sliding Rack Rail with Cable Management Arm
<b>Hard Drive Bays</b>	(56) 3.5" Bays
<b>Hard Drives Supported</b>	SATA, SAS
<b>Power Supply(s)</b>	(2) 1200W (200-240VAC)
<b>Operating Temperature</b>	(Min) 41°F - (Max) 104° F [(Min) 5°C - (Max) 40° C]
<b>Operating Humidity</b>	10 ~ 90% @ 104°F (non-condensing)
<b>Spares Kit</b>	(1) Controller, (1) Power Supply, (1) Fan, (2) 10TB SAS Drives
<b>Dimensions (WxDxH)</b>	17.6"(447mm) x 32.9" (836mm) x 7" (178mm)
<b>Max. Weight</b>	198 lbs. (89.81 kg)
<b>Regulatory</b>	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

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