Enterprise 144TB 2U Rackmount
12 Bay Expandable SAN Storage Array

The Nova Storage BCD212-NS series offers an affordable and high performance SAN storage solution. With performance levels of 320,000 IOPS at 1MS latency, 7GB/s read and 5.5GB/s write throughput, and storing 144TB of video data across 12 dual port SAS drives, this storage solution will deliver when you need it to.

The BCD212-NS achieves high availability with a large range of features including redundant, hot swappable, power supplies, controllers, fans, as well as features like multi-path support and automatic failover. Further video data protection is ensured with RAID 0,1,5,6,10 and 50 storage options ensuring the integrity of your data.

- 12TB 12G dual port SAS drives enable maximum read/write throughput. Real-time tiering of video data enables for higher overall performance.

- State-of-the-art architecture and configuration allows for flexible deployment. Low maintenance design and high reliability creates a smooth end-user experience.

- High availability is provided through system redundancy, creating an extremely reliable storage solution with absolutely minimum downtime.

KEY FEATURES

Enterprise video surveillance storage projects with the best throughput performance.

- 12TB Enterprise SAS Drives
- (8) 16G 16GB Fibre Channel Ports or (8) 10Gb iSCSI ports
- Up to 144TB of Raw Storage
- Expandable Storage

12G Dual Port SAS Drives

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

Five-Year Onsite Warranty

Redundant Power

SEAGATE

CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Manufacturer	BCDVideo
Maximum Storage	144TB
System Memory	16GB per System
Volumes per System	1024
Supercapacitor Cache Backup	Yes
Mirrored Cache	Yes
Cache Backup to Flash	Yes, Non-Volatile
Networking	(8) 10GbE Fiber Channel Ports SFP+ or (8) 10Gb iSCSI Ports SFP+
RAID	0,1,5,6,10 and 50
RAID Controller	Dual Hot Swappable Controllers
Management	Remote Diagnostics, Non-Disruptive Updates, Volume Expansion
Warranty	Five-Year 24/7 Support, Next Business Day, Onsite
MECHANICAL	
Form Factor	2U Rackmount
Rack Support	Sliding Rack Rail with Cable Management Arm
Hard Drive Bays	(12) 3.5" Bays
Hard Drives Supported	SAS
Power Supply(s)	(2) 500W (100-200VAC)
Maximum Input Power	346W Max Continuous
Heat Dissapation	1181 BTUs/hour
Operating Temperature	(Min) 41°F - (Max) 95° F [(Min) 5°C - (Max) 35° C]
Operating Humidity	20 ~ 90% (Non-Condensing)
Dimensions (WxDxH)	17.44"(443mm) x 24.8" (630mm) x 3.46" (87.9mm)
Max. Weight	71 lbs. (32 kg)
Regulatory	UL 60950-1 (United States)	CAN/CSA-C22.2 No.60950-1-07 (Canada)	EN 60950-1 (European Union) IEC 60950-1 (International) CCC (China PRC – CCC Power Supplies)	BIS (India – BIS Power Supplies) FCC CFR 47 Part 15 Subpart B Class A (United States)	ICES/NMB-003 Class A (Canada) EN 55022/EN 55032:2012 Class A (EU)	AS/NZS CISPR 22/CISPR 32 Class A (Australia/New Zealand)	VCCI Class A (Japan) KN 22/KN 32 Class A (S. Korea)	CNS 13438 Class A (Taiwan) EN 61000-3-2 (EU) EN 61000-3-3 (EU) EN 55024 (EU)	KN 24/KN 35 (S. Korea) The RoHS Directive (2011/65/EU)	The WEEE Directive (2012/19/EU)	The REACH Directive (EC/1907/2006) The Batteries Directive (2006/66/EC) Australia/New Zealand (RCM), Canada (cUL/ICES/NMB-003 Class A), China (CCC – PSU only), European Union (CE), Japan (VCCI), South Korea (MSIP), Taiwan (BSMI), United States (FCC/UL)

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