

BCD212X-SAN

Enterprise 2U 12-Bay SAN Storage Series

ENTERPRISE 2U 12-BAY EXPANDABLE SAN STORAGE FOR VIDEO DATA

The BCDVideo BCD212X-SAN 2U 12 Bay SAN storage array is the security integrator's answer for expandable video data storage projects. The BCD212X-SAN offers maximum read/write performance by optimizing enterprise 12G dual-port SAS drives. Storage options provide up to 144TB of raw storage in a single unit, with up to 9 expansion units per base array providing a maximum of 3.1PB of raw storage.

Flexibility of deployment and data throughput is provided by employing either 16Gb fibre channel or 10Gb iSCSI connectivity. High availability features include a wide variety of RAID storage options, hot swappable, redundant power supplies and fans, hot swappable drives and RAID controllers, automatic failover, and multi-path support.

This system is covered by BCDVideo's standard 5-year, on-site, next business day, Keep Your Hard Drive warranty. With the combination of high throughput and the latest enterprise storage technology, this SAN storage array is ideal for effectively storing and archiving video data.



KEY FEATURES



Up to 144TB of Raw Storage



Intel Broadwell Processor



12TB Enterprise SAS Drives



RAID Options: ADAPT, RAID 0, 1, 5, 6, 10



Redundant Power



5-Year Keep Your Hard Drive Warranty

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SYSTEM

Operating Systems Supported

Windows Server 2016, VMware 6.5/6.0,
Microsoft Hyper-V, RHEL 6.9/7.4

Memory

16GB (8GB per Controller)

Processor(s)

Intel® Xeon® Broadwell Processor

Connectivity

16Gb Fibre Channel, 10Gb iSCSI

Ports

(4) Fibre Channel or (4) SFP+, (4) Multi-
protocol

Expansion Chassis Supported

Up to (9) 2U expansion chassis per
base 2U SAN array (Scales up to 3.1PB
Raw)

Up to (3) 5U expansion chassis per
base 2U SAN array (Scales up to 3.1PB
Raw)

Management

MESM (HTML5 GUI, CLI, REST)

MECHANICAL

Form Factor

2U Rackmount

Power Supply(s)

(2) 580W (100-240VAC)

Operating Temperature

(Min) 41°F - (Max) 104° F [(Min) 5°C - (Max) 40° C]

Operating Humidity

10 ~ 80% @ 84.2°F (non-condensing)

Dimensions (WxDxH)

19" (482.6mm) x 22.71" (576mm) 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)

Warranty

5-Year, On-site, NBD, Keep Your
Hard Drive Warranty

Manufacturer

BCDVideo

STORAGE

Hard Drive Bays

(12) 3.5" Bays

Hard Drives Supported

SAS

Cache

Mirrored Cache, Supercapacitor
cache backup, nonvolatile cache
backup to flash

RAID

ADAPT (Distributed RAID); RAID 0, 1, 5,
6, 10

RAID Controllers

Dual RAID Controllers

Maximum Storage

Up to 144TB