

BCD212S-SAN

Enterprise 2U 12-Bay SAN Storage Series

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






The BCD212S-SAN 2U 12 Bay SAN storage array is the security integrator's answer for expandable video data storage projects. The BCD212S-SAN offers maximum read/write performance by optimizing enterprise 12G dual-port SAS drives. Storage options provide up to 240TB of raw storage in a single unit, with up to 12 expansion units per base array providing a maximum of 2.4PB of raw storage.

Flexibility of deployment and data throughput is provided by employing either 32Gb fibre channel or 25Gb 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 BCD'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 240TB of Raw Storage
-  20TB Enterprise SAS Drives
-  RAID Options: ADAPT, RAID 0, 1, 5, 6, 10
-  Redundant Power
-  5-Year Keep Your Hard Drive Warranty and on-site support

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SYSTEM

Operating Systems Supported

Windows Server 2016, 2019, and 2022
VMware 6.7
U2/6.5/6.0, Microsoft Hyper-V, SLES
12.3, RHEL 8.0/7.4/6.9

Connectivity

Up to 32Gb Fibre Channel, Up to 25Gb
iSCSI

Ports

Head End: (8) Fibre Channel or (8) SFP+,
(8) Multi-protocol, (6) 12Gb mini-SAS HD
connectors
Expansion: (4) Fibre Channel or (4) SFP+, (4)
Multi-protocol

Expansion Chassis Supported

Up to 9 2U Expansions per 2U Head End
Up to 3 5U Expansions per 2U Head End
Up to 3 5U Expansions per 5U Head End

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

-12°C DP and 10% RH to 21°C DP and 80% RH,
max DP 21°C / 5% to 100% non-condensing

Heat Dissipation

1980 Max BTU/hr

Dimensions (WxDxH)

19" (483 mm) x 24.8" (630mm) x 3.5" (88.9 mm)

Max. Weight

52.7 lbs. (26 kg) with drives

Warranty

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

STORAGE

Hard Drive Bays

(12) 3.5" Bays

Hard Drives Supported

SAS and SSD's

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 240TB

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)