

BCD584X-SAN

BCDVideo Enterprise 5U 84-Bay SAN Storage Series

ENTERPRISE 5U 84-BAY HIGH DENSITY SAN STORAGE FOR CRITICAL VIDEO DATA







The BCDVideo 5U 84 Bay SAN storage array is the security integrator's answer for high scaling video data requirements. The BCD584X-SAN offers maximum read/write performance by optimizing enterprise 12G dual-port SAS drives. Storage options provide up to 1.34PB of raw storage in a single unit, with up to 3 5U expansion units providing a maximum of 6.72PB 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 1.34PB of Raw Storage
-  Intel® Broadwell Processor
-  Enterprise SAS Drives
-  RAID Options: ADAPT, RAID 0, 1, 5, 6, 10
-  Redundant Power
-  5-Year Keep Your Hard Drive Warranty

FOR MORE INFORMATION: bcdvideo.com | sales@bcdinc.com | +1.888.305.4993

TECH SUPPORT: support@bcdinc.com

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SYSTEM

Operating Systems Supported

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

Virtualization

VMware vSphere & vCenter SRM,
Microsoft Hyper-V

Volumes per System

1,024

Memory

16GB (8GB per Controller)

Processor(s)

Intel® Xeon® Broadwell Processor

Connectivity

16Gb Fibre Channel, 10Gb iSCSI

Ports

Head End: (8) Fibre Channel or (8) SFP+,
(8) Multi-protocol
Expansion: (4) Fibre Channel or (4) SFP+,
(4) Multi-protocol

Expansion Chassis Supported

Up to (9) 2U expansion chassis per base
5U SAN array (Scales up to 6.7PB Raw)

Up to (3) 5U expansion chassis per base
5U SAN array (Scales up to 5.36PB Raw)

Management

MESM (HTML5 GUI, CLI, REST)

MECHANICAL

Form Factor

5U Rackmount

Power Supply(s)

(2) 2200W (200-240VAC)

*Note: There is no option for a 110VAC version

Operating Temperature

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

Operating Humidity

10 ~ 80% @ 84.2°F (non-condensing)

Heat Dissipation

6002 Max BTU/hr

Dimensions (WxDxH)

19" (483mm) x 38.31" (974.7mm) x 8.75" (222.3mm)

Max. Weight

287 lbs. (130 kg)

Warranty

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

Manufacturer

BCD

STORAGE

Hard Drive Bays

(84) 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 & 50

RAID Controllers

Dual RAID Controllers

Maximum Storage

Up to 1.34PB

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)