

# BCD784S-SAN-GDA-HE-210

BCD Deepstor® Bundle Certified for Genetec Security Center

## 2U RACKMOUNT, ENTRY-LEVEL, EXPANDABLE VIDEO RECORDING SERVER

The BCD784S-SAN-GDA-HE-210 bundles BCD's 206 2U rackmount server with the Deepstor 5U 84 Bay SAN, pre-loaded with Genetec Security Center. Up to 1.68TB of raw video-optimized storage is provided by 24/7 duty cycle SATA drives.

In addition to petabyte-scale storage, this bundle offers a simple and easy-to-deploy SAN system with BCD's exclusive quick-start configuration tool, as well as Harmonize iDRAC for proactive system health monitoring.

Guarantee fast response times and free up system resources with (4) 8GB DDR4 RAM and 48GB controller memory.

System stability and peace of mind is provided with redundant, hot swappable power supplies, an operating system running on solid state drives, and a five-year, on-site, next business day, Keep Your Hard Drive warranty.



## KEY FEATURES

-  Up to 1.68PB of Raw Storage, 6.72PB with Expansion
-  Dual Intel® Xeon® Silver 4210 Scalable Processors
-  Throughput: 1100 Mb/s
-  Windows Server 2022
-  iDRAC Enterprise
-  SSD & Enterprise SAS Drives
-  Redundant Power
-  RAID Options: 0, 1, 5, 6, 10
-  5-Year, On-Site, Next Business Day, Keep Your Hard Drive Warranty
-  20 Harmonize RMM Licenses

 harmonize Bridge  
POWERED BY TIGER TECHNOLOGY  
Inside

FOR MORE INFORMATION: [bcdvideo.com](http://bcdvideo.com) | [sales@bcdinc.com](mailto:sales@bcdinc.com) | +1.888.305.4993

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## SYSTEM

### Operating System

Windows Server 2022

### Memory

32GB (4x 8GB)

### Processor(s)

(2) Intel® Xeon® Silver 4210  
Scalable Processors  
(10 Cores, 20 Threads, 3.20GHz)

### Processor Passmark

Dual: Intel® Xeon® Silver 4210: 23,610

### Networking

(2) 1GbE RJ45  
(2) 10GbE SFP+

### USB(s)

Front: 2 x USB 2.0 & 1 x iDRAC Micro-AB port  
Internal = 1 x USB 3.0 port  
Rear: 2 x USB 3.0 ports

### Connectivity Fibre Channel

2U: Up to 32GB Fibre Channel  
5U: Up to 32GB Fibre Channel, Up to 25Gb  
iSCSI

### Video Outputs

(1) VGA Port Front, (1) VGA Port Rear

### Remote Management

iDRAC Enterprise

## MECHANICAL

### Form Factor

2U Rackmount + 5U Rackmount

### Power Supply(s)

2U: (2) 1100W (100-240VAC) 80 Plus Platinum  
5U: (2) 2200W (200-240VAC)

### Operating Temperature

2U and 5U: (Min) 50°F - (Max) 95° F  
(Min) 10°C - (Max) 35° C

### Operating Humidity

2U: 10 to 80% (non-condensing)  
5U: -12°C DP and 10% RH to 21°C DP and 80%RH,  
max DP 21°C / 5% to 100% noncondensing

### Heat Dissipation

2U: 3001 Max BTU/hr  
5U: 7507 Max BTU/hr

### Dimensions (WxDxH)

2U: 17.08" (434mm) x 28.17" (715.5mm) x 3.4" (86.8mm)  
5U: 19" (483mm) x 36.75" (933mm) x 8.65" (220mm)

### Max. Weight

2U: 63.05 lbs. (28.6 kg)  
5U: 298 lbs. (135 kg)

### Warranty

5-Year, On-site, Next Business Day, Keep Your Hard  
Drive Warranty



## STORAGE

### Hard Drive Bays

(84) 3.5" Hot Swappable Bays (5U)  
512GB M.2 SSD used for the OS

### RAID

RAID levels 0, 1, 5, 6, 10 and ADAPT

### RAID Controller

PERC H740P RAID Controller (8G NV Cache)

### Read IOPS

725K

### Read/Write Throughput

12 GB/s / 10GB/s

### Volumes per System

1024

### Maximum Storage

Up to 1.68PB of Raw Storage, 1.312PB Usable,  
Up to 6.72PB with expansion

### 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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