

# BCD208-PVS

## BCD Professional Cyber Hardened 2U 8-Bay Rackmount Video Recording Server

### PROFESSIONAL 2U RACKMOUNT, EXPANDABLE VIDEO RECORDING SERVER

The BCD208-PVS professional 2U 8-bay video recording server boasts exceptional performance with unrivaled expandability within its chassis. Optimized for performance demanding video surveillance applications, this video server uses the latest hardware to deliver results.

Support for up to (2) Intel® Xeon® Scalable Silver 4310 Processors ensures computing performance, while (16) DDR4 DIMM slots provide up to 512GB RDIMM / 1TB of DDR4 ECC RAM for ample memory resources for immense bandwidth applications.

Video storage options are available with up to (8) 3.5" 24/7 duty cycle SATA drives and support of RAID 5/6 for data protection and optimized performance. Dual 800W platinum rated power supplies provide proper power resources for all hardware. The BCD208-PVS also comes with BCD's standard 5-year, on-site, next business day, Keep Your Hard Drive warranty.

All appliances are built in-house in BCD's secure facilities. BCD's operations have been assessed by DQS Inc, who certified that we meet the ISO 9001:2015 standard of maintaining a Quality Management System.



### KEY FEATURES

-  **Cyber Hardened Video Appliance**
-  **Up to 160TB of Raw Storage**
-  **Intel® Xeon® Silver 4310 Scalable Processor**
-  **Windows Server 2019**
-  **iDRAC Express With Lifecycle Controller**
-  **Dedicated OS Solid State Drive**
-  **Redundant Power**
-  **RAID Options 0, 1, 5, 6, 10**
-  **5-Year Keep Your Hard Drive Warranty**

**harmonize Bridge**  
POWERED BY TIGER TECHNOLOGY  
Inside

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## BCD Professional Cyber Hardened 2U 8-Bay Rackmount Video Recording Server

### SYSTEM

#### Operating System

Windows Server 2019

#### Memory

Single Processor Models: 16GB (2x 8GB)  
Dual Processor Models: 32GB (4x 8GB)  
Maximum Configuration: Up to 512GB Single Processor, 1TB Dual Processor RDIMM (16x DDR4 DIMMs Slots)

#### Processor(s)

Up to (2) Intel® Xeon® Silver 4310 Scalable Processors (Up to 12 Cores, 24 Threads, 3.30GHz)

#### Processor Passmark

Intel® Xeon® Silver 4310: 23,589  
Dual Intel® Xeon® Silver 4310: 38,673

#### Networking

Single Processor: (2) 1GbE RJ45 Ports  
Dual Processors: (2) 1GbE RJ45 Ports, (2) 10GbE SFP+ Ports

#### Expansion Slots

Single Processor: (1) x16 and (1) x4 Low-Profile Half Length PCIe slot

Dual Processor: (3) x16 and (1) x4 Low-Profile Half Length PCIe slots

#### USB(s)

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

#### Video Outputs

(1) VGA Port Front & (1) VGA Port Rear

#### Remote Management

iDRAC Express

### MECHANICAL

#### Form Factor

2U Rackmount

#### Power Supply(s)

(2) 800W (100-240VAC) 80 Plus Platinum

#### Operating Temperature

(Min) 50°F - (Max) 95° F  
(Min) 10°C - (Max) 35° C

#### Operating Humidity

10 to 80% (non-condensing)

#### Heat Dissipation

3000 Max BTU/hr

#### Dimensions (WxDxH)

17.08" (434mm) x 26.99" (685.78mm) x 3.4" (86.8mm)

#### Max. Weight

54.67 lbs (24.8 kg)

#### Warranty

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

### STORAGE

#### Hard Drive Bays

(8) 3.5" Hot Swappable Bays & (2) M.2 SSD Slots

#### Hard Drives Supported

PCIe NVMe & SATA

#### RAID

RAID 0, 1, 5 6 & 10

#### RAID Controller

PERC H755

#### Maximum Storage

Up to 160TB