

# BCD212-PVS

## BCD Enterprise 2U 12-Bay Cyber-hardened Rackmount Video Recording Server

### ENTERPRISE, HIGH PERFORMANCE AND VIDEO PROCESSING










Benefit from scalable storage performance and dataset processing with the BCD212-PVS server. This 2U, 2-socket platform brings you scalability and performance to adapt to a variety of video surveillance applications. Up to 288TB of raw storage is provided by (12) SATA drives. Paired with the latest Intel® Xeon® Scalable processor, this provides high-density storage with the throughput for the most demanding applications.

Ease of operation is provided with dual OS SSDs for accelerated boot and application load times. Remote management, provided by iDRAC, allows for constant system status and critical resource monitoring. RAID 5/6 storage options, in addition to redundant 1100W power supplies, provide system high availability while a five-year, on-site, next business day, Keep Your Hard Drive warranty guarantees peace of mind.

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 288TB of Raw Storage**
-  **Intel® Xeon® Silver 4410Y Scalable Processors**
-  **Windows Server 2022**
-  **iDRAC Express With Lifecycle Controller**
-  **SATA Drives**
-  **Redundant Power**
-  **RAID Options 0, 1, 5, 6, 10**
-  **5-Year Keep Your Hard Drive Warranty**

**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

TECH SUPPORT: [support@bcdinc.com](mailto:support@bcdinc.com)

BCD212-PVS R1.0 Copyright © 2024, BCD. All rights reserved. This document is provided for information purposes only.

Intel, the Intel logo, the Intel Inside logo and Xeon are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

# BCD212-PVS

## BCD Enterprise 2U 12-Bay Cyber-hardened Rackmount Video Recording Server

### SYSTEM

#### Operating System

Windows Server 2022

#### Memory

32GB (2x 16GB) DDR5

Maximum Configuration: Up to 1TB

#### Processor(s)

(1) Intel® Xeon® Silver 4410Y Scalable Processors (12 Cores, 24 Threads, 3.90GHz)

#### Processor Passmark

23,839

#### Networking

(2) 1GbE RJ45

(2) 10/25GbE SFP28

#### Expansion Slots

Single Wide Half-height low profile: (1) x16, (1) x8, (2) x8 (Gen5)

#### USB(s)

Front: (1) USB 2.0 & 1x iDRAC Micro- AB port  
Rear: (1) USB 2.0 and (1) USB 3.0 ports,  
Internal: (1) 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) 1100W (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

4125 Max BTU/hr

#### Dimensions (WxDxH)

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

#### Max. Weight

63.53lbs (28.82kg)

#### Warranty

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

### STORAGE

#### Hard Drive Bays

(12) 3.5" Hot Swappable Bays

#### Hard Drives Supported

PCIe NVMe & SATA

#### RAID

RAID 0, 1, 5, 6 & 10

#### RAID Controller

PERC H755

#### Maximum Storage

Up to 288TB