

# BCD212X-PVS

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

## PROFESSIONAL, HIGH PERFORMANCE AND VIDEO PROCESSING

Benefit from scalable storage performance and dataset processing with the BCD212(X)-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

- ▶ Up to 288TB Storage
- ▶ Intel® Latest Processor
- ▶ Windows Server
- ▶ SATA Drives
- ▶ RAID Options 0, 1, 5, 6, 10
- ▶ 5-Year On-site, NBD, Keep Your Hard Drive Warranty
- ▶ iDRAC Express



**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)

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## SYSTEM

### Expansion Slots

Single Wide Half- height low profile: (3) x16  
Single Wide Half- height low profile: (1)x8  
Single Wide Half- height low profile: (2) x16  
(Gen5)

### Memory

Single CPU 32 GB (2x 16GB) DDR5  
Dual CPU 64 GB (4x 16GB) DDR5  
Maximum Configuration: Up to 8TB

### Networking

Single Processor: (2) 1GbE RJ45, (2) 10GbE  
RJ45  
Dual Processor: (2) 1GbE RJ45, (2) 10/25GbE  
SFP28

### Operating System

Windows Server

### Processor Passmark

Single: 24,399  
Dual: 49,077

### Processor(s)

Up to (2) Intel® Xeon® Silver 4410Y  
Scalable Processors (12 Cores, 24 Threads,  
3.90GHz)

### Remote Management

iDRAC Express

### USB(s)

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

### Video Outputs

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

## MECHANICAL

### Dimensions (WxDxH)

18.97" (482mm) x 26.99" (685.78mm) x  
3.41" (86.8mm)

### Form Factor

2U Rackmount

### Heat Dissipation

4125 Max BTU/hr

### Manufacturer

BCD

### Max. Weight

79.58lbs (36.1kg)

### Operating Humidity

10 to 80% (non-condensing)

### Operating Temperature

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

### Power Supply(s)

(2) 1100W (100-240VAC) 80 Plus  
Titanium

### Warranty

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

## STORAGE

### Hard Drive Bays

(12) 3.5" Hot Swappable Bays  
(22) 480GB M.2

### Hard Drives Supported

PCIe NVMe

SATA

### Maximum Storage

Up to 288TB

### RAID

RAID 0, 1, 56 & 10

### RAID Controller

PERC H755