

BCD214-PVS

BCD Professional Cyber Hardened 2U 14-Bay Rackmount Video Recording Server

PROFESSIONAL, HIGH PERFORMANCE AND VIDEO PROCESSING

Benefit from scalable storage performance and dataset processing with the BCD214-PVS server. This 2U, 2-socket platform brings you scalability and performance to adapt to a variety of video surveillance applications. Up to 280TB of raw storage is provided by (14) 24/7 duty cycle SATA drives. Paired with the latest Intel® Xeon® Scalable processors, this appliance provides high density storage with the throughput required 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 280TB of Raw Storage**
-  **Intel® Xeon® Silver 4210 Scalable Processors**
-  **Windows Server 2022**
-  **iDRAC Express With Lifecycle Controller**
-  **SSD & 24/7 Duty Cycle SATA Drives**
-  **Redundant Power**
-  **RAID Options 0, 1, 5, 6 and 10**
-  **5-Year Keep Your Hard Drive Warranty**

harmonize Bridge
POWERED BY TIGER TECHNOLOGY
Inside

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

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SYSTEM

Operating System

Windows Server 2022

Memory

Single Processor: 16GB (2x 8GB)
Dual Processors: 32GB (4x 8GB)
Maximum Configuration: Up to 1.5TB
LRDIMM (24x DDR4 DIMMs Slots)

Processor(s)

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

Processor Passmark

Intel® Xeon® Silver 4210: 15,794
Dual Intel® Xeon® Silver 4210: 21,000

Networking

Single Processor: (2) 1GbE RJ45 Ports, (2) 10GbE SFP+ ports
Dual Processor: (4) 1GbE RJ45 Ports, (2) 10GbE SFP+ ports

Optional NIC:
(2) 1GbE RJ45
(2) 10GbE SFP+

Expansion Slots

Single Processor: (2) PCIe x16 Full-height slots (in default configuration) Dual Processor: (2) PCIe x16 Full-height slots (in default configuration)

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) 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

3001 Max BTU/hr

Dimensions (WxDxH)

17.08" (434mm) x 29.875" (758.8mm) x 3.4" (86.8mm)

Max. Weight

72.91 lbs (33.1 kg)

Warranty

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

STORAGE

Hard Drive Bays

(14) 3.5" Hot Swappable Bays & (2) M.2 SSD Slots

Hard Drives Supported

PCIe NVMe & SATA

RAID

RAID levels 0, 1, 5 6 & 10

RAID Controller

PERC H750 (8GB NV Cache)

Maximum Storage

Up to 280TB

