



## 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 2019



iDRAC Express With Lifecycle Controller



SSD & 24/7 Duty Cycle SATA Drives



**Redundant Power** 



RAID Options 0, 1, 5, 6 and 10

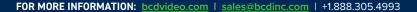


5-Year Keep Your Hard Drive Warranty



20 Harmonize RMM Licenses









## BCD214-PVS

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

#### **SYSTEM**

#### **Operating System**

Windows Server 2019

#### 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) PCle x16 Full-height slots (in default configuration) Dual Processor: (2) PCle 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



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