

BCD214-EVS

BCD Enterprise 2U 14-Bay Cyber-hardened Rackmount Video Recording Server

ENTERPRISE, HIGH PERFORMANCE AND VIDEO PROCESSING







Benefit from scalable storage performance and dataset processing with the BCD214-EVS 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) SAS 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 280TB of Raw Storage**
-  **Intel® Xeon® Silver 4210 Scalable Processors**
-  **Windows Server 2022**
-  **iDRAC Express With Lifecycle Controller**
-  **SAS Drives**
-  **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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SYSTEM

Operating System

Windows Server 2022

Memory

Single Processor: 16GB (2x 8GB)
Dual Processor: 32GB (4x 8GB)
Maximum Configuration: Up to 768GB RDIMM,
1.5TB LRDIMM (Up to 24x DDR4 DIMM 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 Models: (2) PCIe x16 Full-height slots (in default configuration)

USB(s)

Front: 2x USB 2.0 & 1x iDRAC Micro- AB port
Rear: 2x 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 & SAS

RAID

RAID 0, 1, 5, 6 & 10

RAID Controller

PERC H740P (8GB NV Cache)

Maximum Storage

Up to 280TB

