BCD214-EVS

BCD Enterprise 2U 14-Bay 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.

KEY FEATURES

- Up to 280TB of Raw Storage
- Intel® Xeon® Silver 4210 Scalable Processors
- Windows Server 2019
- 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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Titanium
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BCD

BCD214-EVS
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SYSTEM

Operating System
Windows Server 2019

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