

BCD212X-EVS

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

ENTERPRISE, HIGH PERFORMANCE AND VIDEO PROCESSING

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

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



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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

64GB (4x 16GB) DDR5
Maximum Configuration: Up to 8TB

Networking

Single Processor: (2) 1GbE RJ45, (2) 10GbE RJ45
Dual Processor: (2) 1GbE RJ45 , (2) 10 /25 GbE SFP 28

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

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
(2) 480GB M.2 SSD

Hard Drives Supported

PCIe NVMe

SAS

Maximum Storage

Up to 288TB

RAID

RAID 0, 1, 56 & 10

RAID Controller

PERC H755