

BCD214-EVS

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 224TB of raw storage is provided by (14) SAS drives. Paired with the latest Intel® Xeon® Scalable processor, this provides high density storage with Professional 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 224TB 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

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

Expansion Slots

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

Heat Dissipation

4100 BTU's

Operating Humidity

10 to 80% (non-condensing)

Dimensions

Height: 3.4" (86.8mm), Width: 17.08" (434mm),
Depth: 26.72" (678.8mm)

Max. Weight

72.91 lbs (33.1 kg)

Warranty

5-Year, On-site, NBD, 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 levels 0, 1, 5, 6 & 10

RAID Controller

PERC H740P (8GB NV Cache)

Maximum Storage

Up to 224TB