

# BCD218-EVS

## BCD Enterprise 2U 18-Bay Rackmount Video Recording Server

### ENTERPRISE, SCALABLE PERFORMANCE FOR VIDEO PROCESSING AND ARCHIVING









Provide scalable storage performance and video data processing with the BCD218-EVS server. This 2U, 2-socket platform brings you scalability and performance to adapt to a variety of the most demanding and process-intensive video surveillance applications.

Up to 360TB of raw storage allows for long-term video storage and archiving, while up to (2) Intel® Xeon® Silver Scalable processors provide unrivaled throughput and computing potential. (24) DDR4 DIMM slots allow for maximum memory bandwidth utilization with support for six-channel memory architecture.

Dual M.2 SSDs for the operating system and application accelerated load times. System reliability and high availability is guaranteed with redundant 1100W power supplies and RAID 0/1/5/6/10 storage options, while a five-year, on-site, next business day, Keep Your Hard Drive warranty ensures peace of mind.



### KEY FEATURES

-  Up to 360TB of Raw Storage
-  Intel® Xeon® Silver Scalable Processors
-  Windows Server 2019
-  iDRAC Express With Lifecycle Controller
-  SSD & 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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## BCD Enterprise 2U 18-Bay Rackmount Video Recording Server

### 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, 192GB NVDIMM  
(24x DDR4 DIMM Slots)

#### Processor(s)

Up to (2) Intel® Xeon® Silver Scalable  
Processors (16 Cores, 32 Threads, 3.20GHz)

#### Processor Passmark

Intel® Xeon® Silver 4216: 18,561  
Dual Intel® Xeon® Silver 4216: 22,272

#### Networking

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

#### Expansion Slots

(2) Full-height PCIe x8,  
(1) Low-profile x8 slots available

#### USB(s)

Rear (2) USB 3.0  
Front (2) USB 2.0,  
Internal (1) USB 3.0

#### Video Outputs

(1) VGA front & back

#### 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 ~ 80% (non-condensing)

#### Heat Dissipation

3001 Max BTU/hr

#### Dimensions (WxDxH)

17.09" (434mm) x 26.72" (678.8mm) x 3.4" (86.8mm)

#### Max. Weight

73 lbs. (33.1kg)

#### Warranty

5-Year, On-site, Next Business Day, Keep Your  
Hard Drive Warranty

### STORAGE

#### Hard Drive Bays

(18) 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 360TB