

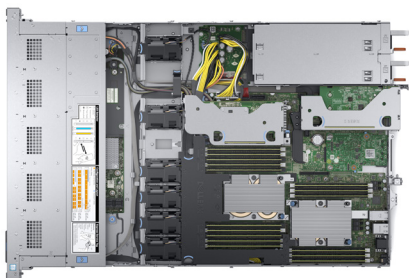
# BCD108-EVS

## BCDVideo Enterprise 1U 8-Bay Rackmount Multi-Purpose Server









### 1U ENTERPRISE SERVER, OPTIMIZED FOR HIGH PERFORMANCE APPLICATION PROCESSING

The BCD108-EVS delivers purpose-built performance for enterprise IP video surveillance applications. The 1U, 2-socket video server allows the use of SSDs, SATA, and dual-port SAS drive technology.

With up to (2) Intel® Xeon® Scalable processors and 16 DIMM slots, this server delivers high throughput and is ideal for high-intensity workloads. Optimize I/O with dual OS SSD drives and fast-spinning, high-performing SAS drives. Redundant power ensures high system availability, guaranteeing reliability in any deployment.



### KEY FEATURES

-  Up to 23TB of Raw Storage
-  Intel® Xeon® Silver 4216 Scalable Processors
-  Windows Server 2019
-  iDRAC Express
-  SSD, SAS & SATA Drives
-  Redundant Power
-  RAID Options 0, 1, 5, 6, 10
-  5-Year Keep Your Hard Drive Warranty

  
POWERED BY TIGER TECHNOLOGY  
Inside

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# BCD108-EVS

## BCDVideo Enterprise 1U 8-Bay Rackmount Multi-Purpose Server

### SYSTEM

#### Operating System

Windows Server 2019

#### Memory

Single Processor: 16GB (2x 8GB)  
Dual Processor: 32GB (4x 8GB)  
Maximum Configuration: Up to 1TB LRDIMM  
(16x DDR4 DIMMs Slots)

#### Processor(s)

Up to (2) Intel® Xeon® Silver 4216 Scalable Processors (16 Cores, 32 Threads, 3.20GHz)

#### Processor Passmark

Intel® Xeon® Silver 4216: 18,561  
Dual Intel® Xeon® Silver 4216: 26,171

#### Networking

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

#### Expansion Slots

Single Processor: (1) PCIe x16 full-height  
Half Length PCIe slot  
Dual Processor: (2) PCIe x16 Half Height  
Half Length low-profile slots

#### USB(s)

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

#### Video Outputs

(1) VGA Port Front & (1) VGA Port Rear

#### Remote Management

iDRAC Express

### MECHANICAL

#### Form Factor

1U Rackmount

#### Power Supply(s)

(2) 550W (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

1500 Max BTU/hr

#### Dimensions (WxDxH)

17.08" (434mm) x 28.13" (714.62mm) x 1.68" (42.8mm)

#### Max. Weight

35.36 lbs. (16.03kg)

#### Warranty

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

#### Manufacturer

BCD

### STORAGE

#### Hard Drive Bays

(8) 2.5" Hot Swappable Bays  
(2 used for the OS)

#### Hard Drives Supported

PCIe NVMe, SAS & SATA

#### RAID

RAID 0, 1, 5, 6, 10

#### RAID Controller

PERC H730P (2GB NV Cache)

#### Maximum Storage

Up to 23TB (6x 3.84TB 2.5" HDDs)