

BCD108-EVS

BCD Enterprise Video Appliance 1U 8-Bay Rackmount Management/Database 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.

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

-  **Cyber Hardened Video Appliance**
-  **Intel® Xeon® Silver 4314 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**
-  **20 Harmonize RMM Licenses**

 **harmonize Bridge**
POWERED BY TIGER TECHNOLOGY
Inside

FOR MORE INFORMATION: bcdvideo.com | sales@bcdinc.com | +1.888.305.4993

TECH SUPPORT: support@bcdinc.com

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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 1TB LRDIMM
(16x DDR4 DIMMs Slots)

Processor(s)

Up to (2) Intel® Xeon® Silver 4314 Scalable Processors (16 Cores, 32 Threads, 3.40GHz)

Processor Passmark

Intel® Xeon® Silver 4314: 29,347
Dual Intel® Xeon® Silver 4314: 46,702

Networking

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

Expansion Slots

(1) PCIe x16 Full-Height Half Length PCIe slot

USB(s)

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

Single CPU: (2) 600W (100-240VAC) 80 Plus Platinum
Dual CPU: (2) 800W (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

Single 2250 Max BTU/hr
Dual 3000 Max BTU/hr

Dimensions (WxDxH)

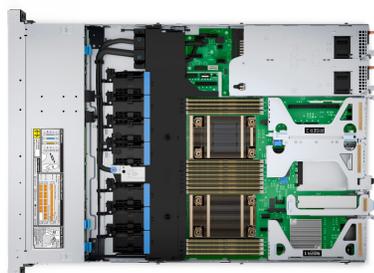
17.08" (434mm) x 26.07" (662.19mm) x 1.68" (42.8mm)

Max. Weight

36.55 lbs. (16.58kg)

Warranty

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



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 H755 (2GB NV Cache)