

BCD104-EVS

BCD Enterprise Cyber Hardened 1U 4-Bay Rackmount Video Recording Server

POWERFUL AND VERSATILE ENTERPRISE 1U RACKMOUNT SERVER

Manufactured for enterprise IP video surveillance applications and fully customizable for individual project requirements, the BCD104-EVS enterprise video server provides unrivaled value and performance.











With bi-directional, dual port SAS drives providing up to 80TB of raw storage, the latest Intel® Xeon® E series and Silver processors, and up to 64GB of DDR4 RAM, the BCD104-EVS guarantees the throughput needed for any project.

Redundant, hot swappable power supplies and RAID 5/6 storage options provide high system availability. A pair of M.2 solid state drives for the operating system and applications provide reliability and fast application load times for added performance, 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

-  **Cyber Hardened Video Appliance**
-  **Up to 80TB of Raw Storage**
-  **Intel® Xeon® E Series & Silver Processors**
-  **Windows Server 2019**
-  **iDRAC Express**
-  **SSD & SAS 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

2336: 16GB (2x 8GB)
Maximum configuration: 128GB
(4x DIMM Slots)

Single Processor 4310 is (2 x 8GB)
Maximum configuration; 512GB
(8x DIMM Slots)

Dual Processor 4310 is (4 x 8GB)
Maximum configuration; 1024GB
(16x DIMM Slots)

Processor(s)

Intel® Xeon® E-2336
(6 cores, 12 threads @ 4.80GHz)
Intel® Xeon® Silver 4310
(12 cores, 24 threads @ 3.30GHz)

Processor Passmark

Intel® Xeon® E-2336: 17,014
Intel® Xeon® Silver 4310: 23,589
Dual Intel® Xeon® Silver 4310: 38,673

Networking

Single CPU: (2) 1GbE RJ45 Ports
Dual CPU: (2) 1GbE RJ45 Ports &
(2) 10GbE SFP+ Ports

Expansion Slots

Single 2336: (1) x8 LP HL, (1) x16 LP HL slots
Single 4310: (1) x16 LP HL
Dual 4310: (2) x16 LP HL

USB(s)

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

Video Outputs

(1) VGA

Remote Management

iDRAC Express

MECHANICAL

Form Factor

1U Rackmount

Power Supply(s)

Single 2336: (2) 600W (100-240VAC) 80 Plus Platinum

Single 4310: (2) 600W (100-240VAC) 80 Plus Platinum
Dual 4310: (2) 800W (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

Single 2336: 2250 Max BTU/hr
Single 4310: 2250 Max BTU/hr
Dual 4310: 3000 Max BTU/hr

Dimensions (WxDxH)

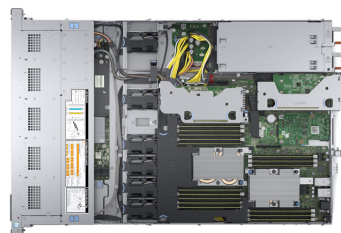
Xeon® E-2336:
17.09" (434mm) x 22.18" (563.3mm) x 1.68" (42.8mm)
Xeon® Silver 4310:
17.09" (434mm) x 28.07" (712.95mm) x 1.68" (42.8mm)

Max. Weight

Xeon® E-2336: 28.96 lbs. (13.14kg)
Xeon® Silver 42310: 41.05 lbs (18.6 kg)

Warranty

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



STORAGE

Hard Drive Bays

(4) 3.5" Hot Swappable Bays &
(2) M.2 SSD Slots

Hard Drives Supported

PCIe NVMe & SAS

RAID

OS RAID: 0, 1
Data RAID: 0, 1, 5, 6, 10

RAID Controller

2336: PERC H355
4310: PERC H745

Maximum Storage

Up to 80TB