

BCD104-PVS

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

POWERFUL AND VERSATILE PROFESSIONAL 1U RACKMOUNT SERVER

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











With 24/7 duty cycle SATA 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-PVS 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 Remote Management, Monitoring & Recovery**
-  **SSD & 24/7 Duty Cycle SATA Drives**
-  **Redundant Power**
-  **RAID Options: 0, 1, 5, 6, 10**
-  **5-Year Keep Your Hard Drive Warranty**
-  **20 Harmonize RMM Licenses**


POWERED BY TIGER TECHNOLOGY
Inside



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

TECH SUPPORT: support@bcdinc.com

BCD104-PVS R2.0 Copyright © 2023, BCD. All rights reserved. This document is provided for information purposes only.

Intel, the Intel logo, the Intel Inside logo and Xeon are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

BCD104-PVS

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

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+

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

(Mn) 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 & SATA

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

