

BCD104-PVS

BCDVideo Professional 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 64TB 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.

KEY FEATURES

-  Up to 64TB 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

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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BCDVideo Professional 1U 4-Bay Rackmount Video Recording Server

SYSTEM

Operating System

Windows Server 2019

Memory

Single CPU: 16GB (2 x 8GB)
Dual CPU: 32GB (2 x 16GB)
Maximum Configuration: Up to 64GB
(4x DDR4 DIMM Slots)

Processor(s)

Intel® Xeon® E-2236
(6 cores, 12 threads @ 3.40GHz)
Intel® Xeon® Silver 4210
(10 cores, 20 threads @ 3.20GHz)

Processor Passmark

Intel® Xeon® E-2236: 14,333
Intel® Xeon® Silver 4210: 14,507
Dual Intel® Xeon® Silver 4210: 23,437

Networking

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

Expansion Slots

2 x PCIe Gen 3.0 slots: (1) x8 slot low-profile, half-length with x4 slot width, (1) x16 slot low-profile/full-height, half-length with x8 bandwidth

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 CPU: (2) 350W (100-240VAC) 80 Plus Platinum
Dual CPU: (2) 550W (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 CPU: 955 Max BTU/hr
Dual CPU: 1500 Max BTU/hr

Dimensions (WxDxH)

Xeon® E-2236: 17.08" (434mm) x 22.58" (573.6mm) x 1.68" (42.8mm)
Xeon® Silver 4210: 17.08" (434mm) x 28.13" (714.62mm) x 1.68" (42.8mm)

Max. Weight

Xeon® E-2236: 29.98 lbs. (13.6 kg)
Xeon® Silver 4210: 38.9 lbs (17.6 kg)

Warranty

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

Manufacturer

BCD

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

PERC H730P (2GB NV Cache)

Maximum Storage

Up to 64TB