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BCD218-PVS

BCD Professional 2U 18-Bay Rackmount Video Recording Server

## PROFESSIONAL, SCALABLE PERFORMANCE FOR VIDEO PROCESSING AND ARCHIVING

Benefit from scalable storage performance and video processing with the BCD218-PVS server. This 2U, 2-socket platform brings you scalability and performance to adapt to a variety of the most demanding and process-intensive video surveillance applications.

Up to 360TB of raw storage allows for long-term video storage and archiving, while up to (2) Intel® Xeon® Silver Scalable processors provide unrivaled throughput and computing potential. (24) DDR4 DIMM slots allow for maximum memory bandwidth utilization with support for six-channel memory architecture.

Dual M.2 SSDs for the operating system and application accelerated load times. System reliability and high availability are guaranteed with redundant 1100W power supplies and RAID 0/1/5/6/10 storage options, while a five-year, on-site, next business day, Keep Your Hard Drive warranty ensures peace of mind.

KEY FEATURES

- Up to 360TB of Raw Storage

- Intel® Xeon® Silver Scalable Processors

- Windows Server 2019

- iDRAC Express With Lifecycle Controller

- 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

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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 768GB RDIMM,
1.5TB LRDIMM, 192GB NVDIMM
(24x DDR4 DIMM Slots)

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

Processor Passmark
Intel® Xeon® Silver 4216: 18,561
Dual Intel® Xeon® Silver 4216: 22,272

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

Expansion Slots
(2) Full-height PCle x8, (1) Low-profile x8
slots available

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

Video Outputs
(1) VGA front & back

Remote Management
iDRAC Express

MECHANICAL

Form Factor
2U Rackmount

Power Supply(s)
(2) 1100W (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
3001 Max BTU/hr

Dimensions (WxDxH)
17.09" (434mm) x 26.72" (678.8mm) x 3.4" (86.8mm)

Max. Weight
73 lbs. (33.1kg)

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

STORAGE

Hard Drive Bays
(18) 3.5" Hot Swappable Bays &
(2) M.2 SSD Slots

Hard Drives Supported
PCle NVMe & SATA

RAID
RAID 0, 1, 5 6 & 10

RAID Controller
PERC H740P (8GB NV Cache)

Maximum Storage
Up to 360TB