BCDVIDEO™

BCD218-PLVS

Data Sheet

Pro-Lite, Scalable Performance for Video Processing and Archiving

Benefit from scalable storage performance and dataset processing with the BCD218-PLVS 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 252TB 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 is guaranteed with redundant 1100W power supplies and RAID 5/6 storage options, while a five-year, on-site, next business day, Keep Your Hard Drive warranty ensures peace of mind.

KEY FEATURES

- Up to 252TB of Raw Storage
- Intel® Xeon® Silver Scalable Processors
- Operating System: Windows 10 Pro
- iDRAC features include:
  - Remote Management
  - Disaster Recovery
  - Critical Resource Monitoring

intel XEON SILVER inside™

SSD & 24/7 Duty Cycle SATA Drives

Redundant Power

RAID Options   0, 1, 5, 6, 10

**5-Year, On-site, NBD,
Keep Your Hard Drive Warranty**

Back - Dual Processor Models

CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor(s)	Up to (2) Intel® Xeon® Silver Scalable Processors (Up to 16 Cores, 32 Threads, 3.20GHz per processor)
Processor Passmark	Intel® Xeon® Silver 4210: 15,794 Dual Intel® Xeon® Silver 4210: 16,472 Intel® Xeon® Silver 4216: 16,200 Dual Intel® Xeon® Silver 4216: 22,012
Maximum Storage	Up to 252TB
Operating System	Windows 10 Pro
Memory	Single Processor: 16GB (2x 8GB) Dual Processors: 32GB (4x 8GB) Maximum Configuration: Up to 768GB RDIMM, 1.5TB LRDIMM, 192GB NVDIMM (24x DDR4 DIMM Slots)
RAID	OS RAID 0, 1; Data RAID 0, 1, 5, 6, 10
RAID Controller	PERC H740P (8GB NV Cache)
Networking	Single Processor Models: (4) 1GbE RJ45 Ports Dual Processor Models: (4) 1GbE RJ45 Ports, (2) 10GbE SFP+ ports
Expansion Slots	Single Processor: (2) Full-height PCIe x8, (1) Low-profile x8 slots (In default configuration) Dual Processors: (2) Full-height PCIe x8 slots (In default configuration)
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
Video Outputs	(1) VGA
Remote Management	iDRAC Express
Manufacturer	BCDVideo
Warranty	5-Year, On-site, NBD, Keep Your Hard Drive Warranty
MECHANICAL	
Form Factor	2U Rackmount
Rack Support	Sliding Rack Rail with Cable Management Arm
Hard Drive Bays	(18) 3.5" Hot Swappable Bays & (2) M.2 SSD Slots
Hard Drives Supported	PCIe NVMe & SATA
Power Supply(s)	(2) 1100W (100-240VAC) 80 Plus Platinum
Maximum Power Draw	860W
Operating Temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]
Operating Humidity	5 ~ 90% (non-condensing)
Dimensions (WxDxH)	19" (482.6mm) x 29.7" (755mm) x 3.4" (86.8mm)
Max. Weight	73 lbs. (33.1kg)

Back - Single Processor Models

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