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BCD

BCD214-PVS
## BCD Professional 2U 14-Bay Rackmount Video Recording Server

PROFESSIONAL, HIGH PERFORMANCE AND VIDEO PROCESSING

Benefit from scalable storage performance and dataset processing with the BCD214-PVS server. This 2U, 2-socket platform brings you scalability and performance to adapt to a variety of video surveillance applications. Up to 280TB of raw storage is provided by (14) 24/7 duty cycle SATA drives. Paired with the latest Intel® Xeon® Scalable processors, this appliance provides high density storage with the throughput required for the most demanding applications.

Ease of operation is provided with dual OS SSDs for accelerated boot and application load times. Remote management, provided by iDRAC, allows for constant system status and critical resource monitoring. RAID 5/6 storage options, in addition to redundant 1100W power supplies, provide system high availability while a five-year, on-site, next business day, Keep Your Hard Drive warranty guarantees peace of mind.

KEY FEATURES

Up to 280TB of Raw Storage

Intel® Xeon® Silver 4210 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 and 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

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BCD Professional 2U 14-Bay Rackmount Video Recording Server

SYSTEM

Operating System
Windows Server 2019

Memory
Single Processor: 16GB (2x 8GB)
Dual Processors: 32GB (4x 8GB)
Maximum Configuration: Up to 1.5TB
LRDIMM (24x DDR4 DIMMs Slots)

Processor(s)
Up to (2) Intel® Xeon® Silver 4210 Scalable
Processors (10 Cores, 20 Threads, 3.20GHz)

Processor Passmark
Intel® Xeon® Silver 4210: 15,794
Dual Intel® Xeon® Silver 4210: 21,000

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

Optional NIC:
(2) 1GbE RJ45
(2) 10GbE SFP+

Expansion Slots
Single Processor: (2) PCIe x16 Full-height
slots (in default configuration) Dual
Processor: (2) PCIe x16 Full-height slots
(in default configuration)

USB(s)
Front: 2 x USB 2.0 & 1 x iDRAC Micro-AB port
Rear: 2 x USB 3.0 ports,
Internal = 1 x USB 3.0 port

Video Outputs
(1) VGA Port Front & (1) VGA Port Rear

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 to 80% (non-condensing)

Heat Dissipation
3001 Max BTU/hr

Dimensions (WxDxH)
17.08" (434mm) x 29.875" (758.8mm) x 3.4" (86.8mm)

Max. Weight
72.91 lbs (33.1 kg)

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

STORAGE

Hard Drive Bays
(14) 3.5" Hot Swappable Bays & (2) M.2 SSD Slots

Hard Drives Supported
PCIe NVMe & SATA

RAID
RAID levels 0, 1, 5 6 & 10

RAID Controller
PERC H750 (8GB NV Cache)

Maximum Storage
Up to 280TB