

Professional, Accelerated Equipped, Storage Dense Milestone Appliance

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

Equipped with the state-of-the-art BCDVideo Accelerator (BVA), fully utilize the capacity of the BCD218-MVR-P's 252TB raw storage, without needing to utilize live video drives. With the BVA enabled, read/write speeds exceed that of 450 15K SAS drives combined, ensuring disk bandwidth is never an issue. In addition, the BVA's capacitor backup to non-volatile cache helps prevent data loss should a device lose power for added reliability.

Up to (2) Intel® Xeon® Silver 4116 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 4116 Scalable Processors
- Operating System: Windows Server 2016
- iDRAC features include:
 - Remote Management
 - Disaster Recovery
 - Critical Resource Monitoring



BCDVideo Accelerator (Patent Pending)



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

FOR MORE INFORMATION: bcdvideo.com | sales@bcdvideo.com | +1.847.205.1922 **TECH SUPPORT:** support@bcdvideo.com | +1.844.462.2384

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Data Sheet

Professional 2U 18-Bay Rackmount
Milestone Appliance

CERTIFIED | PURPOSE BUILT | GUARANTEED

BCDVIDEO ACCELERATOR FEATURES	
IOPS	135,000
Capacity	1.6TB
Response Time	30 µs
Endurance	8.76 Total Petabytes Written
SYSTEM	
Processor(s)	Up to (2) Intel® Xeon® Silver 4116 Scalable Processors (12 Cores, 24 Threads, 3.00GHz)
Processor Passmark	Intel® Xeon® Silver 4116: 15,320 Dual Intel® Xeon® Silver 4116: 20,362
Maximum Storage	Up to 252TB
Operating System	Windows Server 2016
Memory	Single Processor: 16GB (2x 8GB) Dual Processors: 32GB (4x 8GB) Maximum Configuration: Up to 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, Supports RAID 0, 1, 5, 6, 10)
Networking	Single Processor Models: (4) 1GbE RJ45 Ports Dual Processor Models: (4) 1GbE RJ45 Ports, (2) 10GbE SFP+ ports
Expansion Slots	Single Processor: (1) Full-height PCIe x8, (1) Low-profile x8 slots (In default configuration) Dual Processors: (1) 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, SAS & 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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