

Maximum Density Accelerated Milestone Appliance Built for Professional Projects

Benefit from next-generation video data archiving and processing with the professional BCD224-MVR-P 2U 24-bay rackmount Milestone Appliance. With up to 336TB of raw storage, this video server will be a long-term storage solution for the most demanding projects.

Equipped with the state-of-the-art BCDVideo Accelerator (BVA), fully utilize the capacity of the BCD224-MVR-P's 336TB raw storage without the need 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.

Powered by (2) of the latest Intel® Xeon® Silver Scalable Processors, the BCD224-EVS ensures performance. Memory bandwidth is readily available (16) DIMM slots for up to 512GB of RDIMM memory, ensuring system resources are always available for high intensity applications.

System reliability is at the forefront, with (2) 1100W redundant, hot swappable power supplies, as well as RAID 5/6 storage options to help preserve data integrity and keep performance at the forefront, while a five-year, on-site, next business day, Keep Your Hard Drive warranty ensures peace of mind.

KEY FEATURES

- Up to 336TB of Raw Storage
- (2) Intel® Xeon® Silver 4116 Scalable Processors
- Operating System: Windows Server 2016
- iDRAC features include:
 - Remote Management
 - Disaster Recovery
 - Critical Resource Monitoring



SSD & 24/7 Duty Cycle SATA Drives



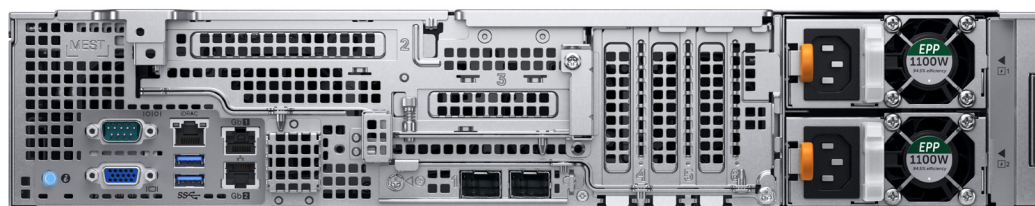
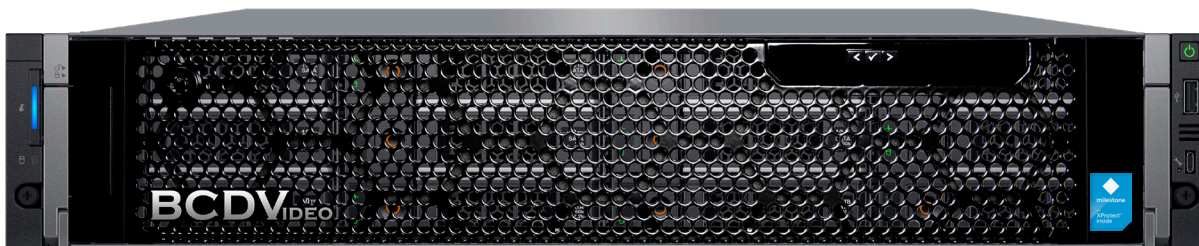
Redundant Power



RAID Options 0, 1, 5, 6, 10



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



Back

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

Copyright © 2019, BCDVideo. All rights reserved. This document is provided for information purposes only. The contents are subject to change without notice.

Data Sheet

Professional 2U 24-Bay Rackmount
Video Recording Server

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)	(2) Intel® Xeon® Silver 4116 Scalable Processors (12 Cores, 24 Threads, 3.00GHz)
Processor Passmark	Dual Intel® Xeon® Silver 4116: 20,362
Maximum Storage	Up to 336TB
Operating System	Windows Server 2016
Memory	Standard Configuration: 32GB (4x 8GB) Maximum Configuration: Up to 512GB RDIMM, 1TB LRDIMM (16x DDR4 DIMMs Slots)
RAID	OS RAID 0, 1; Data RAID 0, 1, 5, 6, 10
RAID Controller	PERC H730P (2GB NV Cache) PERC H740P (8GB NV Cache) (Coming Soon)
Networking	(2) 1GbE RJ45 Ports, (2) 10GbE SFP+ ports
Expansion Slots	(1) PCIe x16 low-profile (1) PCIe x8 low-profile, (2) PCIe x4 low-profile slots (in default configuration)
USB(s)	Rear (2) USB 3.0, Front (1) USB 3.0, 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	(24) 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	952W
Operating Temperature	(Min) 50°F - (Max) 95°F [(Min) 10°C - (Max) 35°C]
Operating Humidity	5 ~ 90% (non-condensing)
Dimensions (WxDxH)	17.63" (448mm) x 33.26" (844.83mm) x 3.4" (86.36mm)
Max. Weight	88.18 lbs. (40 kg)
Regulatory	IEC 60950-1, European Norm EN 60950-1, CISPR 22/CISPR 24, EN55022/55024

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

Copyright © 2019, BCDVideo. All rights reserved. This document is provided for information purposes only. The contents are subject to change without notice.