

Maximum Density Accelerated Milestone Appliance Built for Pro-Lite Projects

Benefit from next-generation video data archiving and processing with the pro-lite BCD224-MVR-PL 2U 24-bay rackmount server. 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-PL'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 10 Pro
- Upgradeable to Windows Server 2016
- iDRAC features include:
 - Remote Management
 - Disaster Recovery
 - Critical Resource Monitoring



SSD & 24/7 Duty Cycle SATA Drives



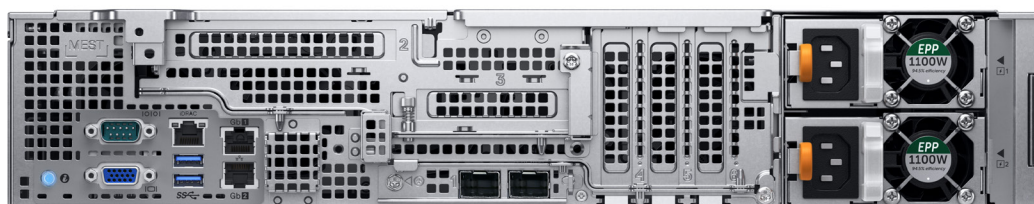
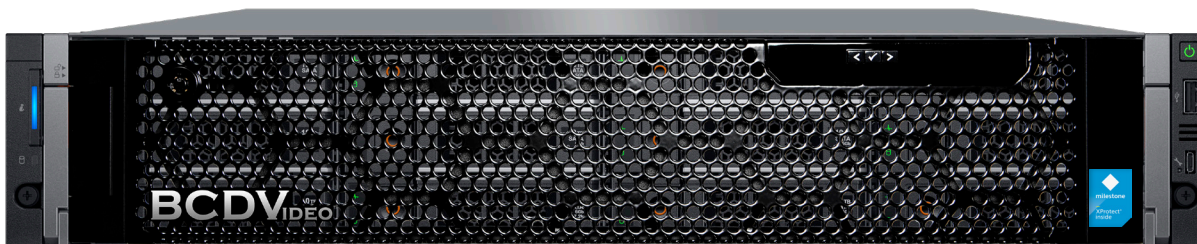
Redundant Power



RAID Options 0, 1, 5, 6, 10



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



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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 10 Pro, upgradeable to 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) |