BCDVIDEO™

BCD104-PLVS

Data Sheet

Powerful and Versatile Pro-Lite 1U Rackmount Server

Manufactured for Pro-lite IP video surveillance applications and fully customizable for individual project requirements, the BCD104-PLVS pro-lite video server provides unrivaled value and performance.

With 24/7 duty cycle SATA drives providing up to 56TB of raw storage, while the latest Intel® Xeon® E series processor paired with up to 64GB of DDR4 RAM guarantees the throughput needed for any project.

Redundant, hot swappable 350W power supplies and RAID 5/6 storage options provide high system availability. A pair of M.2 solid state drives for the operating system and applications provide reliability and fast application load times for added performance, while a five-year, on-site, next business day, Keep Your Hard Drive warranty guarantees peace of mind.

KEY FEATURES

- Up to 56TB of Raw Storage
- Intel® Xeon® E Series Processor
- Operating System: Windows 10 Pro
- iDRAC features include:
  - Remote Management
  - Disaster Recovery
  - Critical Resource Monitoring

intel XEON 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

CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor(s)	(1) Intel® Xeon® E Series Processor (Up 6 Cores, 12 Threads, 4.50GHz)
Processor Passmark	Intel® Xeon® E-2134: 10,882 Intel® Xeon® E-2136: 15,763
Maximum Storage	Up to 56TB
Operating System	Windows 10 Pro
Memory	Standard Configuration: 16GB (2x 8GB) Maximum Configuration: Up to 64GB (4x DDR4 DIMM Slots)
RAID	Intel® Xeon® E-2134: OS RAID 0, 1; Data RAID 0, 1 Intel® Xeon® E-2136: OS RAID 0, 1; Data RAID 0, 1, 5, 6, 10
RAID Controller	Intel® Xeon® E-2134: (1) PERC H330 Intel® Xeon® E-2136: (1) PERC H730P (2GB NV Cache)
Networking	(2) 1GbE RJ45 Ports
Expansion Slots	Intel® Xeon® E-2134: (1) PCIe x16 full-height slot, (1) PCIe x8 low-profile slot (in default configuration) Intel® Xeon® E-2136: (1) PCIe x16 full-height slot (in default configuration)
USB(s)	Rear (2) USB 3.0, Front (1) USB 2.0
Video Outputs	(1) VGA
Remote Management	iDRAC Basic
Manufacturer	BCDVideo
Warranty	5-Year, On-site, NBD, Keep Your Hard Drive Warranty
MECHANICAL	
Form Factor	1U Rackmount
Rack Support	Sliding Rack Rail with Cable Management Arm
Hard Drive Bays	Intel® Xeon® E-2134: (4) 3.5" Hot Swappable Bays (2 Minimum Used for OS) Intel® Xeon® E-2136: (4) 3.5" Hot Swappable Bays & (2) M.2 SSD Slots
Hard Drives Supported	PCIe NVMe & SATA
Power Supply(s)	(2) 350W (100-240VAC) 80 Plus Platinum
Maximum Power Draw	310W
Operating Temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]
Operating Humidity	5 ~ 90% (non-condensing)
Dimensions (WxDxH)	19" x 24" x 1.68" (482.6mm x 609.19mm x 42.8mm)
Max. Weight	29.98 lbs. (13.6 kg)