BCDVIDEO™

APOLLO BCD108-ARA

Data Sheet

1U 8-Bay Rackmount Multi-Purpose Server

1U Enterprise Small Form Factor Server, Optimized for High-Performance Application Processing

Fully customizable for individual project requirements and manufactured for mission-critical IP video surveillance applications. The density-optimized 1U, 2-socket rack server BCD108-ARA Enterprise Video Server allows the use of SSD, SATA, and 12G SAS drive technology. With redundant power and RAID storage options, the BCD108-ARA delivers performance, affordability, and reliability.

- Benefit from platform flexibility and maximize performance with dual Intel® Xeon® Scalable processors, up to 16 DIMMs, and scalable storage that lets you mix SSDs and NVMe PCIe SSDs.

- Deliver maximum uptime in a worry-free environment with embedded diagnostics and SupportAssist Help.

- Ideal for workloads including high-performance video processing for centralized storage environments.

- Scale computer resources with Intel® Xeon® Scalable processors that deliver a 27% increase in processing cores and 50% increase in bandwidth over the previous generation of processors.

- Gain storage flexibility with up to 8 x 2.5" SAS/SATA/SSD with up to 2 NVMe PCIe SSDs.

KEY FEATURES

- Supports SSD and High Performance SAS Drives
- Intel® Xeon® Silver 4116 Scalable Processors
- Operating System: Windows Server 2016
- iDRAC features include:
  - Remote Management
  - Disaster Recovery
  - Critical Resource Monitoring

intel® XEON® SILVER inside™

SSD, SATA & SAS Drives

Redundant Power

RAID Options 0,1,5,6,10
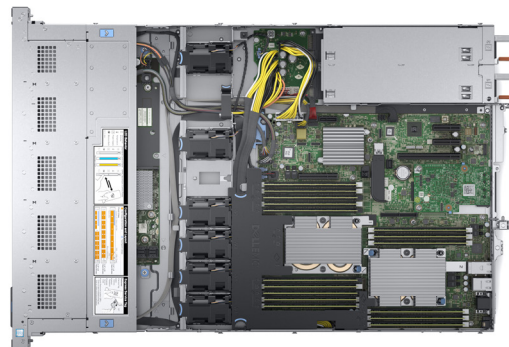
5-Year, On-site, NBD,
Keep Your Hard Drive Warranty

Back

CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor(s)	Up to (2) Intel® Xeon® Silver 4116 Scalable Processors
Processor Passmark	Intel® Xeon® Silver 4116: 15,257 Dual Intel® Xeon® Silver 4116: 19,929
Operating Systems Supported	Windows Server 2016
Memory	Up to 512GB (16 x DDR4 DIMMs RAM)
Maximum Storage	16TB
Video Outputs	(1) VGA
Networking	(2) 1GbE, Optional (2) 10GbE SFP ports
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
RAID	OS RAID 0,1,10; Data 0,1,5,6,10
RAID Controller	PERC H330
Expansion Slots	Up to (2) PCIe slots
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	(8) 2.5" LFF Hot Plug; (2) M.2 SSD Drive Slots
Hard Drives Supported	SSD, SATA, SAS
Power Supply(s)	(2) 550W	100-240VAC
Operating Temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]
Operating Humidity	5 ~ 90% (non-condensing)
Dimensions (WxDxH)	18.99" (482.4mm) w/rack latches x 28.67" (728.24mm)-includes bezel x 1.68" (42.8mm)
Max. Weight	37 lbs. (16.8kg)
Regulatory	IEC 60950-1, European Norm EN 60950-1, CISPR 22/CISPR 24, EN55022/55024

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