BCDVIDEO™

APOLLO BCD110-ARA

Data Sheet

1U 10-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 BCD110-ARA Enterprise Video Server allows the use of SSD, SATA, and 12G SAS drive technology. With redundant power and RAID storage options, the BCD110-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 10 x 2.5" SAS/SATA/SSD with up to 4 NVMe PCIe SSDs.

KEY FEATURES

Enterprise video surveillance projects with the best throughput performance.

- Intel® Xeon® Scalable Processor Family
- iDRAC Enterprise
- Operating Systems Supported:
  - Windows Server 2012 R2/2016

SSD, SATA & SAS Drives   He Helium Drive Option
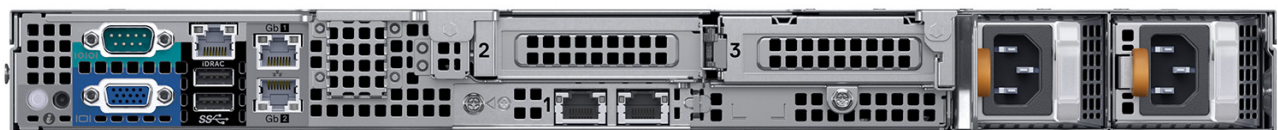
RAID Options   0,1,5,6,10

Five-Year Onsite Warranty
*Keep Your Hard Drive

Redundant Power

Back

POWERED BY
DELLEMC

18D APOLLO BCD110-ARA R4

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CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor(s)	Up to (2) Intel® Xeon® Scalable Processor Product Family
Operating Systems Supported	Windows Server 2012 R2/2016
Manufacturer	BCDVideo
Memory	Up to 512GB (16 x DDR4 DIMMs RAM)
Maximum Storage	20TB
Video Outputs	(1) VGA
Networking	(4) 1GbE, Optional (2) 10GbE LAN ports
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
RAID	0,1,5,6,10
RAID Controller	H730/2GB
Expansion Slots	Up to (2) PCIe slots
Remote Management	iDRAC Enterprise (standard)
Warranty	Global 5-Year 24/7 Support, NBD On-Site, Keep Your Hard Drive
MECHANICAL	
Form Factor	1U Rackmount
Rack Support	Sliding Rack Rail with Cable Management Arm
Hard Drive Bays	(10) 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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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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