BCDVIDEO™

APOLLO BCD104SD-ARA

Data Sheet

1U 4-Bay Rackmount Video Multi-Purpose Server

Enterprise Multi-Purpose 1U Rackmount Server

Manufactured for mission-critical IP video surveillance applications and fully customizable for individual project requirements. The versatility of the BCD104SD-ARA Enterprise 1U Rackmount Video Server delivers SSD and 12G SAS drive technology offering up to 48TB raw video storage. With redundant power and RAID storage options, the BCD104SD-ARA delivers performance, affordability, and reliability.

- Drive video applications faster while providing room for future growth.

- Drive greater memory performance and expand capacity up to 64GB through time with 4x DIMM slots and enhanced DDR4 memory offering 50% faster clock speed than previous-generation DDR3 – 12.5% faster than the initial 2133 MT/s implementation of DDR4.

- Boost data throughput with 2x PCIe Gen 3.0 slots driving 2x data throughput.

- Ensure fast response times with the latest quad-core Intel® Xeon® E3-1200 v6 product family.

- Discover greater versatility with enhanced storage options including two SSD drives to accelerate system boot/reboot time.

KEY FEATURES

Enterprise video surveillance projects with the best throughput performance.

- Intel® Xeon® Processor E3
- Up to 48TB of Raw Storage
- iDRAC Enterprise
- Operating Systems Supported:
  - Windows Server 2012 R2/2016

SSD, SATA & SAS Drives   **He** **Helium Drive Option**

RAID Options   0, 1,10

Five-Year Onsite Warranty *Keep Your Hard Drive

Shallow Depth Server

Inside

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1U 4-Bay Rackmount Video Multi-Purpose Server

CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor(s)	Up to (1) Intel® Xeon® Processor E3-1200 v6 Product Family
Operating Systems Supported	Windows Server 2012 R2/2016
Manufacturer	BCDVideo
Memory	Up to 64GB (4 x DDR4 DIMMs RAM)
Maximum Storage	48TB
Video Outputs	(1) VGA
Networking	(2) 1GbE; Optional (2) 10GbE LAN ports
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
RAID	0,1,10
RAID Controller	H330
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	(4) 3.5" Bays - LFF Hot Plug
Hard Drives Supported	SSD, SATA, SAS
Power Supply(s)	(1) 250W | 100-240VAC
Operating Temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]
Operating Humidity	5 ~ 90% (non-condensing)
Dimensions (WxDxH)	17.09" (434.0mm) x 19.5" (495mm)-w/o ear x 1.67" (42.8mm)
Max. Weight	20.96 lbs. (10.6kg)
Regulatory	IEC 60950-1, European Norm EN 60950-1, CISPR 22/CISPR 24, EN55022/55024

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