BCDVIDEO™

APOLLO BCD214-ARA

Data Sheet

2U 14-Bay Rackmount Video Recording Server

Enterprise, High Performance and Video Processing

Benefit from scalable storage performance and dataset processing with the BCD214-ARA server. This 2U, 2-socket platform brings you scalability and performance to adapt to a variety of video surveillance applications. As you scale your deployments, scale your productivity with embedded intelligence and automation from iDRAC9 Enterprise.

- Storage performance and flexibility create the perfect balance for software-defined storage or video processing and analytics.

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

- Fortify your solution with comprehensive protection; cyber-resilient architecture with security embedded into every server to protect your data.

- Use system erase of local storage to help ensure data privacy when you repurpose or retire servers.

- Automate updates that check file dependencies and proper update sequence before deploying them independently from the OS/hypervisor.

- Maintain control of server updates with intelligent, embedded authentication designed to allow only properly signed updates.

KEY FEATURES

Enterprise video surveillance projects with the best throughput performance.

- Intel® Xeon® Scalable Processor Family
- Up to 168TB of Raw Storage
- iDRAC Enterprise
- Operating Systems Supported:
  - Windows Server 2012 R2/2016

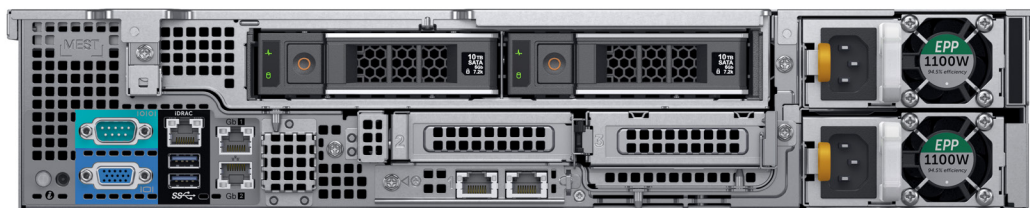**SSD, SATA & SAS Drives**   **He Helium Drive Option**

RAID Options   1,5,6,10
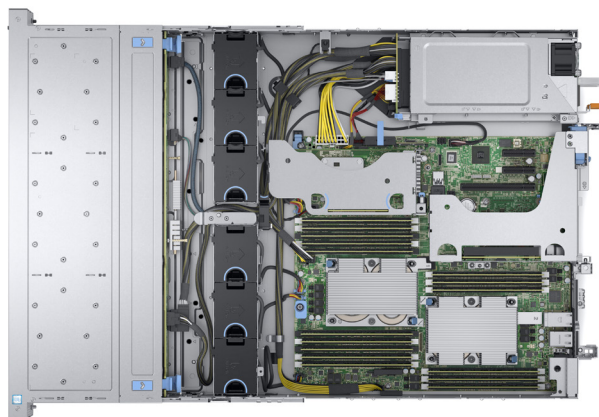
Five-Year Onsite Warranty
*Keep Your Hard Drive

Redundant Power

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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 RAM (16 x DDR4 DIMMs RAM)
Maximum Storage	168TB
Video Outputs	(1) VGA
Networking	(4) 1GbE Network Ports, Optional (2) 10GbE LAN ports
USB(s)	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
RAID	Operating System RAID 1; Data RAID 5,6,10
RAID Controller	PERC H740P/8G Supports RAID 1,5,6,10
Expansion Slots	Up to (8) PCIe slots (including (3) PCIe 3.0)
Remote Management	Dedicated IDRAC NIC; IDRAC Enterprise (standard)
Warranty	Global 5-Year 24/7 Support, NBD On-Site, Keep Your Hard Drive
MECHANICAL	
Form Factor	2U Rackmount
Rack Support	Sliding Rack Rail with Cable Management Arm
Hard Drive Bays	(14) 3.5" Bays - LFF Hot Plug; (2) M.2 SSD Slots
Hard Drives Supported	SSD, SATA, SAS
Power Supply(s)	(2) 1100W	100-240VAC
Operating Temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]
Operating Humidity	5 ~ 90% (non-condensing)
Dimensions (WxDxH)	17.1" (434mm) w/o ears x 28.15" (646mm) w/bezel x 3.4" (86.8mm)
Max. Weight	73 lbs. (33.1kg)
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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Powerful, Affordable Performance, Built for security and reliability

Fast is an understatement: Power through intensive tasks easily with the Neptune BCDT02P-NRA's Intel 7th Generation Core Processor options enabled for fast and stable performance.

The tower workstation is the world's most compact tower design. The Platinum-rated PSU has a smaller design that leaves a reduced environmental footprint.

Easily store and access large, complex IP video data with the speed and reliability of up to 32GB of DDR4 2400 MHz memory.

KEY FEATURES

Professional video surveillance projects with the best throughput performance.

- Intel 7th Generation Core Processor
- Up to 14TB of Raw Storage
- Operating Systems Supported:
  - Windows 10 Pro

SSD & Video Grade SATA Drives

**Five-Year Onsite NBD Warranty
*Keep Your Hard Drive**

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NEPTUNE BCDT02P-NRA

Data Sheet

Tower Video Recording Server

CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor(s)	Up to (1) Intel® 7th Generation Core Processor Product Family
Operating Systems Supported	Windows 10 Pro
Manufacturer	BCDVideo
Memory	Up to 32GB RAM (2 x DDR4 DIMMs RAM)
Maximum Storage	12TB
Networking	(1) 1GbE Network Ports
USB(s)	Rear (2) USB 3.1 Gen 1, (2) USB 2.0; Front (2) USB 3.1 Gen 1; (2) USB 2.0
Graphics Card Slots	Up to (1) PCIe x 16 slot
Graphics Ports	(1) DisplayPort (1) HDMI
Warranty	Global 5-Year 24/7 Support, NBD On-Site, Keep Your Hard Drive
MECHANICAL	
Form Factor	Tower Workstation
Hard Drive Bays	(1) 2.5" SFF; (1) 3.5" LFF
Hard Drives Supported	SSD & SATA
Power Supply(s)	(1) 240W | 100-240VAC
Operating Temperature	(Min) 50°F - (Max) 95° F [(Min) 10°C - (Max) 35° C]
Operating Humidity	5 ~ 90% (non-condensing)
Dimensions (WxDxH)	6.1" x 10.8" x 13.8" (154mm x 274mm x 350mm)
Max. Weight	17.49 lbs (7.93 kb)
Regulatory	IEC 60950-1, European Norm EN 60950-1, CISPR 22/CISPR 24, EN55022/55024

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