

## Enterprise, Scalable Performance and Video Processing

Benefit from scalable storage performance and dataset processing with the BCD218-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 216TB of Raw Storage
- iDRAC Enterprise
- Operating Systems Supported:
  - Windows Server 2012 R2/2016



**SSD, SATA & SAS Drives**



**Helium Drive Option**



**RAID Options 1,5,6,10**



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



**Redundant Power**



Back



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**DELL EMC**

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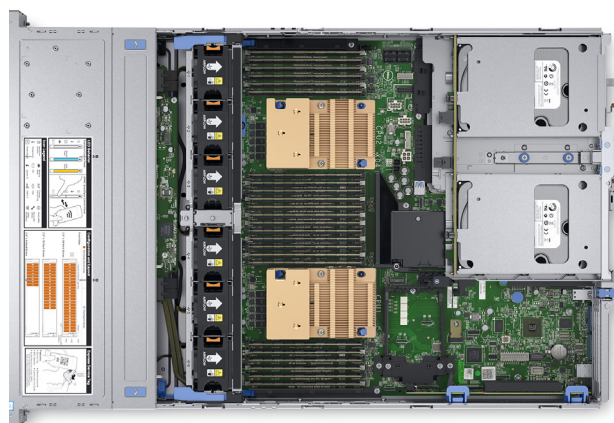
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## Data Sheet

## 2U 18-Bay Rackmount Video Recording Server

CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
<b>Processor(s)</b>	Up to (2) Intel® Xeon® Scalable Processor Product Family
<b>Operating Systems Supported</b>	Windows Server 2012 R2/2016
<b>Manufacturer</b>	BCDVideo
<b>Memory</b>	Up to 192GB RAM (24 x DDR4 DIMMs RAM)
<b>Maximum Storage</b>	216TB
<b>Video Outputs</b>	(1) VGA
<b>Networking</b>	(4) 1GbE Network Ports, Optional (2) 10GbE LAN ports
<b>USB(s)</b>	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
<b>RAID</b>	Operating System RAID 1; Data RAID 5,6,10
<b>RAID Controller</b>	PERC H740P/8G Supports RAID 1,5,6,10
<b>Expansion Slots</b>	Up to (8) PCIe slots (including (3) PCIe 3.0)
<b>Remote Management</b>	Dedicated iDRAC NIC; iDRAC Enterprise (standard)
<b>Warranty</b>	Global 5-Year 24/7 Support, NBD On-Site, Keep Your Hard Drive
MECHANICAL	
<b>Form Factor</b>	2U Rackmount
<b>Rack Support</b>	Sliding Rack Rail with Cable Management Arm
<b>Hard Drive Bays</b>	(18) 3.5" Bays - LFF Hot Plug; (2) M.2 SSD Slots
<b>Hard Drives Supported</b>	SSD, SATA, SAS
<b>Power Supply(s)</b>	(2) 1100W   100-240VAC
<b>Operating Temperature</b>	(Min) 50°F - (Max) 95°F [(Min) 10°C - (Max) 35°C]
<b>Operating Humidity</b>	5 ~ 90% (non-condensing)
<b>Dimensions (WxDxH)</b>	17.1" (434mm) w/o ears x 28.15" (646mm) w/bezel x 3.4" (86.8mm)
<b>Max. Weight</b>	73 lbs. (33.1kg)
<b>Regulatory</b>	IEC 60950-1, European Norm EN 60950-1, CISPR 22/CISPR 24, EN55022/55024



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