

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 iDRAC.

- 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

- Up to 168TB of Raw Storage
- Intel® Xeon® Silver 4110 Scalable Processors
- Operating System: Windows Server 2016
- iDRAC features include:
 - Remote Management
 - Disaster Recovery
 - Critical Resource Monitoring



SSD, SATA & SAS Drives



Helium Drive Option



Redundant Power



RAID Options 0,1,5,6,10



5-Year, On-site, NBD,
Keep Your Hard Drive Warranty



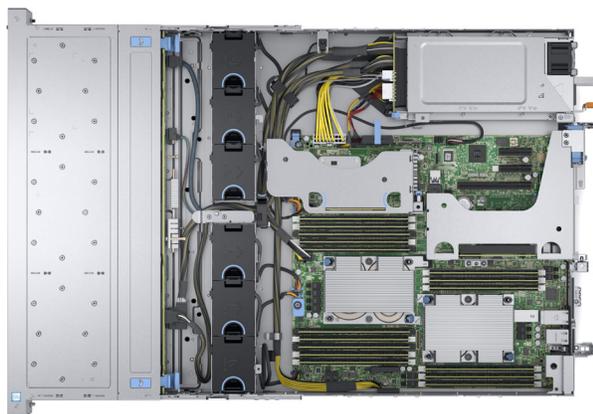
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FOR MORE INFORMATION: bcdvideo.com | sales@bcdvideo.com | +1.847.205.1922 **TECH SUPPORT:** support@bcdvideo.com | +1.844.462.2384

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CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
Processor(s)	Up to (2) Intel® Xeon® Scalable Processor Product Family
Processor Passmark	Intel® Xeon® Silver 4110: 11,869 Dual Intel® Xeon® Silver 4110: 16,713
Operating Systems Supported	Windows Server 2016
Memory	Up to 512GB RAM (16 x DDR4 DIMMs RAM)
Maximum Storage	168TB
Video Outputs	(1) VGA
Networking	(2) 1GbE Network Ports, Up to (2) 10GbE SFP+ ports (dual processor models)
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 H740P/8G
Expansion Slots	(0) PCIe slots (in default configuration)
Remote Management	iDRAC Basic
Manufacturer	BCDVideo
Warranty	5-Year, On-site, NBD, Keep Your Hard Drive Warranty
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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