

Powerful and Versatile Enterprise 1U Rackmount Server

Manufactured for mission-critical IP video surveillance applications and fully customizable for individual project requirements. The versatility of the BCD104-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 BCD104-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 & SAS Drives



He Helium Drive Option



RAID Options 0,1,5,6,10



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



Redundant Power



Back



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DELL EMC

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 (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 | 0,1,5,6,10 |
| RAID Controller | H730/1G |
| 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) | (2) 350W 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 26.66" (677.3mm) includes bezel x 1.68" (42.8mm) |
| Max. Weight | 30.42 lbs. (13.8kg) |
| Regulatory | IEC 60950-1, European Norm EN 60950-1, CISPR 22/CISPR 24, EN55022/55024 |



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