

## Data Sheet

Professional 1U 4-Bay Rackmount  
Multi Purpose / Video Recording Server

## Professional Multi-Purpose 1U Rackmount Shallow Depth Server

Manufactured for IP video surveillance applications and fully customizable for individual project requirements. The versatility of the BCD104SD-NRA Professional 1U Rackmount Video Server delivers SSD and Video Grade Drive technology offering up to 42TB raw video storage. With RAID storage options, the BCD104SD-NRA delivers performance, affordability, and reliability.

- Drive video applications faster while providing room for future growth.
- 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 up to two SSD drives to accelerate system boot/reboot time.

### KEY FEATURES

- Up to 42TB of Raw Storage
- Intel® Xeon® E3-1200 v6 Series Processor
- Operating System: Windows 10 Pro  
- Upgradeable to Windows Server 2016
- iDRAC features include:
  - Remote Management
  - Disaster Recovery
  - Critical Resource Monitoring



**SSD & Video Grade SATA Drives**



**Shallow Depth Server**



**RAID Options 0,1,10**



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



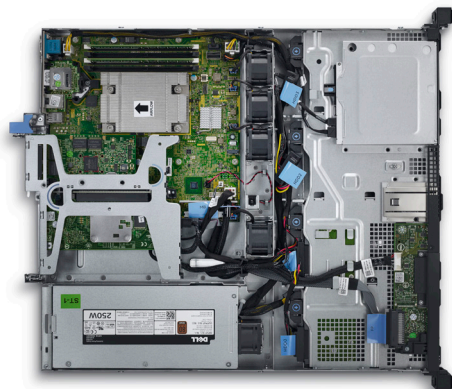
Inside

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CERTIFIED | PURPOSE BUILT | GUARANTEED

SYSTEM	
<b>Processor(s)</b>	(1) Intel® Xeon® E3-1200 v6 Series Processor
<b>Processor Passmark</b>	Intel® Xeon® E3-1230 v6: 9,947 Intel® Xeon® E3-1270 v6: 11,115
<b>Operating Systems Supported</b>	Windows 10 Pro; Upgradable to: Windows Server 2016
<b>Manufacturer</b>	BCDVideo
<b>Memory</b>	Up to 64GB (4 x DDR4 DIMMs RAM)
<b>Maximum Storage</b>	42TB
<b>Video Outputs</b>	(1) VGA
<b>Networking</b>	(2) 1GbE; Optional (2) 10GbE SFP+ ports
<b>USB(s)</b>	Rear (2) USB 3.0, Front (2) USB 2.0, Internal (1) USB 3.0
<b>RAID</b>	0,1,10
<b>RAID Controller</b>	Embedded SATA
<b>Expansion Slots</b>	Up to (2) PCIe slots
<b>Remote Management</b>	iDRAC Basic
<b>Warranty</b>	5-Year, On-site, NBD, Keep Your Hard Drive Warranty
MECHANICAL	
<b>Form Factor</b>	1U Rackmount
<b>Rack Support</b>	Sliding Rack Rail with Cable Management Arm
<b>Hard Drive Bays</b>	(4) 3.5" Bays - LFF Hot Plug
<b>Hard Drives Supported</b>	SSD, SATA
<b>Power Supply(s)</b>	(1) 250W   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>	17.09" (434.0mm) x 19.5" (495mm)-w/o ear x 1.67" (42.8mm)
<b>Max. Weight</b>	20.96 lbs. (10.6kg)
<b>Regulatory</b>	IEC 60950-1, European Norm EN 60950-1, CISPR 22/CISPR 24, EN55022/55024



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