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BCD

BCD102SD-ELVS

BCD Entry-Level Cyber Hardened 1U 2-Bay Rackmount Multi Purpose / Video Recording Server

ENTRY-LEVEL MULTI-PURPOSE 1U 2-BAY RACKMOUNT VIDEO RECORDING SERVER

The entry-level BCD102SD-ELVS offers an affordable and reliable 1U 2-bay rackmount solution for any entry-level deployment. Up to 40TB of raw video-optimized storage is provided by (2) 3.5" 24/7 duty cycle SATA drives.

The BCD102SD-ELVS is powered by an Intel® 9th Generation Core™ processor and has up to 64GB of DDR4 RAM to guarantee fast response times.

System stability and peace of mind is provided with redundant, hot swappable power supplies, an operating system NVMe M.2 solid state drive, and a five-year, on-site, next business day warranty.

All appliances are built in-house in BCD's secure facilities. BCD's operations have been assessed by DQS Inc, who certified that we meet the ISO 9001:2015 standard of maintaining a Quality Management System.

KEY FEATURES

🔒 **Cyber Hardened Video Appliance**

🗄 **Up to 40TB of Raw Storage**

🖥 **Intel® 9th Generation Core™ Processor**

🖲 **256GB OS M.2 Solid State Drive**

⊞ **Windows 11 Pro**

💾 **M.2 SSD & 24/7 Duty Cycle SATA Drives**

🔌 **Redundant Power**

✅ **5-Year, On-Site, Next Business Day Warranty**

harmonize **Bridge**
POWERED BY TIGER TECHNOLOGY
Inside

FOR MORE INFORMATION: bcdvideo.com | sales@bcdinc.com | +1.888.305.4993
TECH SUPPORT: support@bcdinc.com

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SYSTEM

Operating System
Windows 11 Pro

Memory
Core™ i5-9500/i7-9700k/i9-9900k/
E-2224G: 16GB (2x 8GB)
Maximum Configuration: Up to 64GB RAM
(4x DDR4 DIMM Slots)

Processor(s)
Intel® 9th Generation Core™ Processor
(Up to 8 Cores, 8 Threads, 4.90GHz)
Intel® Xeon® E-2224G
(4 cores, 4 threads, 3.5GHz)

Processor Passmark
Intel® Core™ i5-9500: 12,109
Intel® Core™ i7-9700k: 17,205
Intel® Core™ i9-9900k: 18,865
Intel® Xeon® E-2224G: 7,466

Networking
(1) 1GbE RJ45 Port, (1) 10GbE RJ45 Port

Expansion Slots
(1) Full-height PCIe x16 or (2) Full-height
PCIe x8 slots
(1) Half-height, Half-length PCIe x4 (In
default configuration)

USB(s)
Front: (2) USB 3.1 Type A (1) USB 3.1 Type
C, Rear: (1) USB 3.1 Type A

Video Outputs
(2) USB 3.1 Type-C
(includes 1x USB-C to VGA adapter)

MECHANICAL

Form Factor
1U Rackmount

Power Supply(s)
(2) 550W (100-240VAC) 80 Plus Platinum

Operating Temperature
(Min) 50°F - (Max) 95° F
(Min) 10°C - (Max) 35° C

Operating Humidity
10 ~ 85% (non-condensing)

Heat Dissipation
1500 Max BTU/hr

Dimensions (WxDxH)
19" (48.26mm) x 23.19" (58.91mm) x 1.68" (4.28mm)

Max. Weight
27.38 lbs. (12.42 kg)

Warranty
5-Year, On-site, Next Business Day

STORAGE

Hard Drive Bays
(2) 3.5" Bays & (1) M.2 SSD Slots

Hard Drives Supported
PCIe NVMe & SATA

RAID
RAID 0, 1

Maximum Storage
Up to 40TB Raw