

BCD102-ELVS

BCD Entry-Level 2-Bay Rack-Mounted Video Recording Server

STORAGE DENSE, HIGH-PERFORMANCE ENTRY-LEVEL 2-BAY RACK-MOUNT VIDEO SERVER

The entry-level BCD102-ELVS enables maximum storage and throughput in a space-efficient tower. Up to (2) 3.5" 24/7 duty cycle SATA drives providing up to 48TB of raw storage, providing room for future scalability. The BCD102-ELVS comes equipped with the latest Intel® Core™ Ultra Processors. Support for up to 128GB of DDR5 memory allows for plentiful local resources, while a NVMe M.2 solid state drive accelerates boot and application load times for increased performance and a reliable user experience.

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

- ▶ Up to 48TB Storage
- ▶ Intel® Latest Processor
- ▶ SSD & 24/7 Duty Cycle SATA Drives
- ▶ (2) 800W Power Supply
- ▶ Up to 128GB DDR5 RAM
- ▶ Windows 11 Pro
- ▶ 5-Year, On-site, NBD Warranty

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

TECH SUPPORT: support@bcdinc.com

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SYSTEM

Expansion Slots

- (1) full-height Gen5 PCIe x16 slot
- (1) full-height Gen5 PCIe x8 slot
- (1) full-height Gen4 PCIe x4 slot

Memory

- 16GB DDR5 (2x 8GB)
- Maximum Configuration Supported 128GB (4x 32GB)

Networking

- (1) 1GbE RJ45 Ports
- (1) 10GbE RJ45 Ports

Operating System

- Windows 11 Pro

Processor Passmark

- Intel Core Ultra 5235: 40,026
- Intel Core Ultra 5245K: 43,451
- Intel Core Ultra 7265K: 58,805
- Intel Core Ultra 9285K: 67,641

Processor(s)

- Intel Core Ultra 5235: 14 cores, 14 threads, 2.9 GHz to 5.0 GHz
- Intel Core Ultra 5245K: 14 cores, 14 threads, 3.6 GHz to 5.2 GHz
- Intel Core Ultra 7265K: 20 cores, 20 threads, 3.3 GHz to 5.5 GHz
- Intel Core Ultra 9285K: 24 cores, 24 threads, 3.2 GHz to 5.7 GHz

Video Outputs

- (2) USB 3.2 Gen 2 (10 Gbps) Type-C ports with DisplayPort 1.4a

MECHANICAL

Dimensions (WxDxH)

- Height: 1.69 in. (42.80 mm) Width: 17.10 in. (434.00 mm) Depth: 23.87 in. (606.44 mm)

Form Factor

- Rack-Mounted

Heat Dissipation

- 3000 BTU/hr

Manufacturer

- BCD

Max. Weight

- 36.70 lbs (16.65 kg)

Operating Humidity

- 20% to 80% (non-condensing)

Operating Temperature

- 10°C to 35°C (50 °F to 95°F)

Power Supply(s)

- 800W Platinum (90 VAC-264 VAC)

Warranty

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

Warranty

USB

- Front: (2) USB 3.2 Gen 1 (5 Gbps) ports with SmartPower On - (1) Thunderbolt 4 (40 Gbps) port Rear: (2) USB 3.2 Gen 1 (5 Gbps) ports - (2) USB 3.2 Gen 2 (10 Gbps) Type-C ports with DisplayPort 1.4a

STORAGE

Hard Drive Bays

- (2) M.2 2230/2280

Hard Drives Supported

- PCIe NVMe - SATA

Maximum Storage

- Up to 48TB