

BCDSF01-ELVS

BCD Entry-Level Cyber Hardened Small Form Factor Video Recording Server

ENTRY LEVEL SMALL FORM FACTOR FOR AFFORDABLE AND RELIABLE PERFORMANCE

Bringing next generation processing and storage, the BCDSF01-ELVS delivers both in performance, reliability, and affordability. Equipped with the latest Intel® 13th Generation Core™ Processor, it offers up to 17% higher computing potential than 12th generation processors.

With storage options up to 20TB enabled by a 3.5" 24/7 duty cycle SATA hard drive, while using DDR4 on i3 and i5 models and DDR5 RAM on i7, this small form factor server allows for elongated storage durations in any entry level deployment. With the operating system on a NVMe M.2 solid state drive, system boot and application load times are fast and reliable.

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 20TB of Raw Storage



Intel® 13th Generation Core™ Processor



Windows 11 Pro



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



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

i3: 8GB DDR4 (1x 8GB) Maximum
Configuration Supported 64GB (2x 32GB)
i5: 16GB DDR4 (1x 16GB) Maximum
Configuration Supported 64GB (2x 32GB)
i7: 16GB DDR5 (2x 8GB) Maximum
Configuration Supported 128GB (4x 32GB)

Processor(s)

13th Generation Intel Core i3-13100: 4 Cores,
8 threads, 4.50GHz
13th Generation Intel Core i5-13500: 14
Cores, 16 threads, 4.80GHz
13th Generation Intel Core i5-13700: 16
Cores, 24 threads, 5.20GHz

Processor Passmark

i3: 14,948
i5: 32,528
i7: 38,832

Networking

(1) 1GbE RJ45 Port

Expansion Slots

i3/i5: (1) Low-profile PCIe x16 slot
(1) Low-profile PCIe x1 slot
i7: (1) Low-profile PCIe x16 slot
(1) Low-profile PCIe x4 open slot

USB(s)

Front (2) USB 3.2 Gen 1, (2) USB 2.0
Rear (2) USB 3.2 Gen 1, (2) USB 2.0
i7
Front (1) USB 3.2 Gen 2x2 Type-C, (1) USB 3.2
Gen 2, (2) USB 2.0
Rear (1) USB 3.2 Gen 2, (3) USB 3.2 Gen 1, (2)
USB 2.0

MECHANICAL

Form Factor

Small Form Factor

Power Supply(s)

i3/i5: (1) 180W (100-240VAC)
i7: (1) 260W (100-240VAC)

Operating Temperature

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

Operating Humidity

20 ~ 80% (non-condensing)

Heat Dissipation

546 Max BTU/hr

Dimensions (WxDxH)

3.65" x 11.53" x 11.42" (92.6mm x 292.8mm x 290mm)

Max. Weight

i3/i5: 11.38 lbs (5.16 kg)
i7: 11.21 lbs (5.087 kg)

Video Outputs

i3/i5: (1) Display Port 1.4a, (1) HDMI 1.4b, (1) VGA
i7: (3) Display Ports 1.4a, (1) VGA

Warranty

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

STORAGE

Hard Drive Bays

(1) 3.5" Bay & (1) M.2 SSD Slot

Hard Drives Supported

PCIe NVMe & SATA

Maximum Storage

Up to 20TB