

BCDSF02L-HES

2 LFF Bay Small Form Factor Harsh Environment Server



2 LFF BAY HARSH ENVIRONMENT SERVER

The BCDSF02L-HES is powered by 7th generation Intel® Core™ processors. It features up to 32GB of SO-DIMM system memory and provides a wide choice of front-accessible I/O interfaces for easy cabling and maintenance. Up to 32TB of video storage is provided by (2) 24/7 duty cycle SATA drives.

It supports an extended operating temperature ranging from +14°F to +104°F, a wide voltage range DC power input from 10 to 30 VDC with power protection, and 1Grms vibration endurance, enabling a reliable and stable operation in a harsh environment.



KEY FEATURES

-  Up to 32TB Storage
-  Intel® Core™ 7th Generation Processor
-  Windows 10 Pro
-  SSD & 24/7 Duty Cycle SATA Drives
-  Up to 32GB SO-DIMM
-  -10°C to 40°C (+14°F to +104°F)
-  2-Year Warranty

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SYSTEM

Operating System

Windows 10 Pro

Memory

Standard Configuration: 16GB (2x 8GB SO-DIMM)

Maximum Configuration: 32GB (2x 16GB SO-DIMM)

Processor(s)

(1) Intel® Core™ i5-7500 Processor (4 Cores, 4 Threads, 3.80GHz)

(1) Intel® Core™ i7-7700 Processor (4 Cores, 8 Threads, 4.20GHz)

Processor Passmark

Intel® Core™ i5-7500: 7,937

Intel® Core™ i7-7700: 10,686

Networking

(2) 1GbE RJ45 Ports

Expansion Slots

(1) PCIe Mini Card Slot

I/O Ports

(8) USB 3.0 (2) USB 2.0 (1) RS-232/422/485 (4) RS-232 (2) DB9

Video Outputs

(1) DisplayPort (1) VGA

MECHANICAL

Form Factor

Small Form Factor

Power Supply(s)

(1) 24V 150W External (10 - 30VDC)

Operating Temperature

(Min) +14°F - (Max) 104° F [(Min) -10°C - (Max) 40° C]

Operating Humidity

10 ~ 90% (non-condensing)

Vibration Endurance

1 Grms with SSD (5 to 500 Hz, X, Y, Z Directions)

Dimensions (WxDxH)

4.75" x 9.05" x 7.55" (121mm x 230mm x 192mm)

Max. Weight

10.17 lbs. (4.6 kg)

Certifications

CE, UL, CCL, BSMI

Warranty

2-Year Warranty

Manufacturer

BCDVideo

STORAGE

Hard Drive Bays

(1) mSATA Slot & (2) 3.5" Drive Bays

Hard Drives Supported

SATA

Maximum Storage

Up to 32TB