BCD-HES02-I5-I7-8RJ

2-Bay Small Form Factor Harsh Environment Server

8 PORT POE HARSH ENVIRONMENT SERVER

This BCD-HES02-I5/I7-8RJ support 8-port Gigabit PoE and able to work under harsh temperatures.
Its eight Gigabit PoE ports allow multiple cabling to cameras and any PoE power device. Powered by an Intel® Core™ i5 or i7 processor, this unit also has SIM slots and SMA-type antenna connectors.
For storage, this high performance fanless server has two drive bays with a height of up to 15 mm and one M.2 SSD for RAID 0 and 1. Moreover, the embedded device supports two 260-pin DDR4 SO-DIMM slots for up to 64GB of system memory.





KEY FEATURES

- Up to 8TB Storage
- Intel® Core™ 10th Generation Processors
- Up to 64GB DDR4 RAM, optional with ECC
- Windows 10 Pro/Linux
- Supports Cell, GPS, and WiFi modules
- -40°C to +75°C (-40°F to +167°F) with Wide Temp SSDs
- (8) RJ45 PoE Ports
- 2-year Standard Warranty

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

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SYSTEM

Certifications

CE

FCC Class A

IP40

Expansion Slots

(1)PCIe Mini Card Slot, (1) M.2 Key B

(1) M.2 Key E, (2)Mini PCIe

I/O Ports

(3) External Nano SIM Sockets for 5G/ WiFi 6/4G/3G/LTE/GPRS/UMTS

6-port USB 3.2 support up to 10Gbps data transfer

32 Isolated DIO, 4 COM RS-232/422/485 Serial: 4 COM RS-232/422/485 (ESD 8KV)

Memory

Standard Configuration: 16GB (2x 8GB)

Maximum Configuration: Up to 64 GB , optional with ECC (2x DDR4 SO-DIMM Slots)

Networking

(8)1GbE RJ45 PoE Ports (IEEE 802.3af/802.3at)

(2)1GbE Non-PoE RJ45 Ports

Operating System

Windows 10 Pro /Linux

Processor Passmark

Intel® Core™ i5-10500TE: 9,960

Intel® Core™ i7-10700TE: 16,332

Processor(s)

(1)Intel® Core™ 10 th Generation i5 Processor (Up to 6 Cores, 12 Threads, 3.7 GHz)

(1)Intel® Core™ 10th Generation i7 Processor (Up to 8 Cores, 16 Threads, 4.4GHz)

Video Outputs

(1)VGA

(1) DVI-D

(2) DisplayPort interfaces, up to 4K resolution

MECHANICAL

Dimensions (WxDxH)

10.24 ” x 9.45 ” x 3.11 ” (260mm x 240mm x 79mm)

EMC

CE

FCC

EN50155

EN50121-3-2

Form Factor

Small Form Factor

Manufacturer

BCD

Max. Weight

9.92 lb (4.5 kg)

Operating Humidity

95% at 75°C

Operating Temperature

35W TDP CPU : -40°C to 75°C (-40°F to 167°F), Fanless

65W TDP CPU : -40°C to 55°C (-40°F to 131°F), Fanless

80W & 95W TDP CPU : -40°C to 55°C (-40°F to 131° F), with Fan Sink

Power Supply(s)

Power Input: 9V to 50V, DC-in

Power Interface: 3-pin Terminal Block : V+, V-, Frame Ground

Ignition Control: 16-mode Software Ignition Control

Remote Switch: 3-pin Terminal Block

Surge Protection: Up to 80V/1ms Transient Power

Shock Endurance

IEC 60068-2-27 (with SSD, 50G, half sine, 11ms duration)

Vibration Endurance

IEC 60068-2-64 (with SSD, 5 Grms STD, random 5 to 500 Hz, 3 axis)

Warranty

2 -Year Standard

STORAGE

Hard Drive Bays

(1)256GB m.2

(2)15mm 2.5" Drive Bays

Hard Drives Supported

SATA

Maximum Storage

Up to 8TB

RAID

JBOD

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