BCD

BCD-HES02-I7-8M12

2-Bay Small Form Factor Harsh Environment Server

8 PORT POE HARSH ENVIRONMENT SERVER

This BCD-HES02-I7-8M12 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™ 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 Processor
- Windows 10 Pro
- Standard Temp Mixed Use SSDs
- 16GB DDR4 RAM
- Supports Cell/GPS/Wi-Fi Modules
- -40°C to +75°C (-40°F to +167°F)
- (8) M12 PoE Ports
- 2-Year Standard Warranty
- 20 Harmonize RMM Licenses

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 10 Pro/Linux

Memory
Standard Configuration: 16GB (2x 8GB)
Maximum Configuration: Up to 64GB,
optional with ECC
(2x DDR4 SO-DIMM Slots)

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

Processor Passmark
Intel® Core™ i7-10700TE: 16,332

Networking
(8) X-coded M12 PoE Ports
(IEEE 802.3at PoE +)
(2) 1GbE Non-PoE RJ45

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

Video Outputs
(1) VGA, (1) DVI-D & (2) DisplayPort
interfaces, up to 4K resolution

Certifications
CE, FCC Class A, IP40

MECHANICAL

Form Factor
Small Form Factor

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

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

Operating Humidity
95% at 75°C

Dimensions (WxDxH)
10.24" x 9.45" x 3.11" (260mm x 240mm x 79mm)

Max. Weight
9.92 lb (4.5kg)

Warranty
2-Year Standard

EMC
CE, FCC, EN50155, EN50121-3-2

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

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

STORAGE

Hard Drive Bays
(1) 256GB m.2
(2) 15mm 2.5" Drive Bays

Hard Drives Supported
SATA

RAID
JBOD

Maximum Storage
Up to 8TB