

BCD-HES04-I5/I7- 8RJ

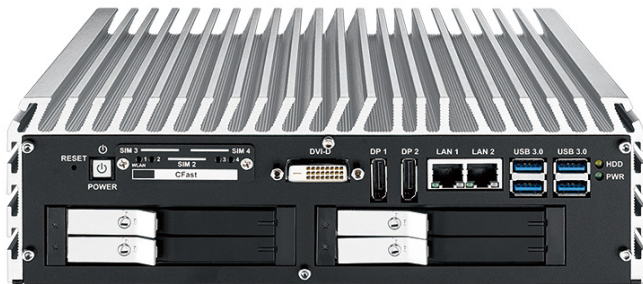
Bay Small Form Factor Harsh Environment Server

PORT POE HARSH ENVIRONMENT SERVER










This BCD-HES04-I5/I7-RJ support 8-port Gigabit PoE and is able to work under harsh temperatures.

Its 8-port 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 16TB Storage
-  Intel® Core™ UI Generation Processor
-  Windows 10 Pro
-  Standard Temp Mixed Use SSDs
-  16GB DDR4 RAM
-  Supports Cell/GPS/Wi-Fi Modules
-  pJPC (-°F to +1°F)
-  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

BCD-HES04-I5/I7-RJ R1.0 Copyright © 2022, BCD. All rights reserved. This document is provided for information purposes only. Intel, the Intel logo, the Intel Inside logo and Xeon are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

BCD-HES02-I5/I7-18RJ

4-Bay Small Form Factor Harsh Environment Server

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™ 5th Generation Processor
(Up to 6 Cores, 12 Threads, 3.7GHz)

(1) Intel® Core™ 7th Generation Processor
(Up to 8 Cores, 16 Threads, 4.4GHz)

Processor Passmark

Intel® Core™ i5-10500TE: 9,960
Intel® Core™ i7-10700TE: 16,332

Networking

(6) 1GbE RJ45 PoE Ports
(IEEE 802.3af/802.3at)

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)

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: 6V to 78V, DC-in
Power Interface: 3-pin Terminal Block : V+, V-, Frame
Ground
Ignition Control: 16-mode (Internal)
Remote Switch: 5-pin Terminal Block
Surge Protection: Up to 200V/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