# 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.

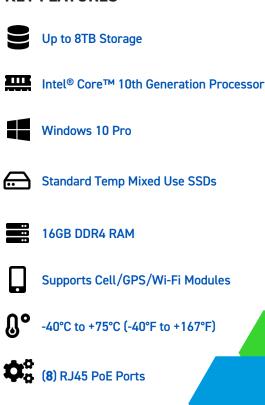
Its eight Gigabit PoE ports allow multiple cabling to cameras and any PoE power device. Powered by an Intel® Core™ i5 or i7 processor, this unit also has SIM slots and SMA-type antenna connectors.

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.



Pole Pole Pole

## **KEY FEATURES**





2-Year Standard Warranty

20 Harmonize RMM Licenses

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

# BCD-HES02-I5/I7-8RJ

2-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™ 10th Generation i5 Processor (Up to 6 Cores, 12 Threads, 3.7GHz)

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

**Processor Passmark** Intel® Core<sup>™</sup> i5-10500TE: 9,960 Intel® Core<sup>™</sup> i7-10700TE: 16,332

#### Networking

(8) 1GbE RJ45 PoE Ports(IEEE 802.3af/802.3at)(2) 1GbE Non-PoE RJ45 Ports

Expansion Slots

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

(1) M.2 Key E (2) Mini PCle

#### 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: 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)

## FOR MORE INFORMATION: <u>bcdvideo.com</u> | <u>sales@bcdinc.com</u> | +1.888.305.4993 TECH SUPPORT: <u>support@bcdinc.com</u>

BCD-HES02-i5-i7-8RJ 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.

## 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

