

BCD-HES04-I5-16RJ / BCD-HES04-I7-16RJ

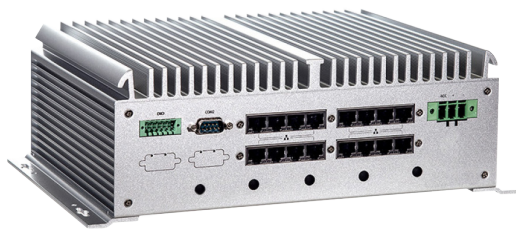
4-Bay Small Form Factor Harsh Environment Server

16 PORT POE HARSH ENVIRONMENT SERVER








The BCD-HES04-I5-16RJ and BCD-HES04-I7-16RJ are powered by an Intel® Core™ i5-7500T and i7-7700T processor, respectively, and have 16 1GbE RJ-45 PoE ports for IP cameras.

This harsh environment server provides a full scope of power protection that includes intelligent vehicle power management technology for ACC on/off delay, shutdown delay, and over/under voltage protection. Enhanced by its robust structure and system design, this unit is able to operate under a wide temperature range from -40°F to +158°F and vibration endurance up to 3 Grms.

This harsh environment server is in compliance with E-Mark and EN 50155 for mobile surveillance applications. With wireless LAN modules, this user-friendly appliance can transmit video in real-time to the control center. The four swappable SATA hard drives are used for mass storage of video files.



KEY FEATURES

-  Up to 16TB Storage
-  Intel® Core™ 7th Generation Processor
-  Windows 10 Pro
-  Wide Temp SSDs
-  32GB DDR4 RAM
-  Supports Cell/GPS/Wi-Fi Modules
-  -40°C to +70°C (-40°F to +158°F)
-  EN 50155 Certified
-  3-Year Advanced Replacement Warranty

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

TECH SUPPORT: support@bcdinc.com

BCD-HES04-I5-16RJ / BCD-HES04-I7-16RJ

4-Bay Small Form Factor Harsh Environment Server

SYSTEM

Memory

Standard Configuration: 16GB (2x 8GB)
Maximum Configuration: Up to 32GB
(2x DDR4 SO-DIMM Slots)

Processor(s)

(1) Intel® Core™ 7th Generation Processor
(Up to 4 Cores, 8 Threads, 3.80GHz)

Processor Passmark

Intel® Core i5-7500T: 6,950
Intel® Core™ i7-7700T: 9,288

Networking

(16) 1GbE RJ-45 PoE Ports
(IEEE 802.3af/802.3at)

Expansion Slots

(2) Full-size PCIe Mini Card Slot, (2)
USB/PCIe External SIM Socket, (2)
Half-size PCIe Mini Card Slot

I/O Ports

(4) USB 3.0, (2) DB-9 or RS-
232/422/485, (5) Antenna Openings, (1)
Terminal Block 6-in/2-out DIO

Operating System

Windows 10 Pro

Video Outputs

(1) HDMI, (1) DVI-D, (1) VGA

Certifications

CE (Class A), FCC Class A, EN 50155, ISO
7637-2 Compliant

MECHANICAL

Form Factor

Small Form Factor

Power Supply(s)

(1) 24V 120W External (10 - 30VDC) or (1) 230W
(10-30VDC)

Operating Temperature

Chassis Operating Temperature: -40°F to 158°F
[-40°C to +70°C] with Wide Temp peripherals
Standard Temp SSDs: 32°F to 158°F [0°C to +70°C]
Wide Temp SSDs: -40°F to 185°F [-40°C to +85°C]

Operating Humidity

0 ~ 95% (non-condensing)

Heat Dissipation

327 Max BTU/hr

Dimensions (WxDxH)

11.02" x 8.27" x 3.91" (280mm x 210.5mm x 99.2mm)

Max. Weight

12.65 lbs. (5.74 kg)

Warranty

3-Year Advanced Replacement

EMC

EN 50155, EN 50121, IEC 62236-3-2 Compliant
CE/FCC: EN 55032 (Class A), EN 55024, FCC
Part 15 B (Class A)

Shock Endurance

EN 50155 EN (IEC) 61373 Category 1 Class
B, Half-sine pulse, 5g, 30ms (longitudinal
direction), 3g, 30ms (vertical/transverse
direction) compliant

Vibration Endurance

3 Grms with SSD (5 to 500 Hz, X, Y, Z
direction; random, operating)
MIL-STD-810G: Method 514.6C-VL Category
4 Compliant
EN 50155 EN (IEC) 61373 Category 1 Class
B Compliant

STORAGE

Hard Drive Bays

(1) 256GB mSATA
(4) 15mm 2.5" Drive Bays

Hard Drives Supported

SATA

RAID

Software RAID 0, 1, 5, 10

Maximum Storage

Up to 16TB (2TB or 4TB Standard
& Wide Temp Drives Available)

