

BCDSF02S-IVS

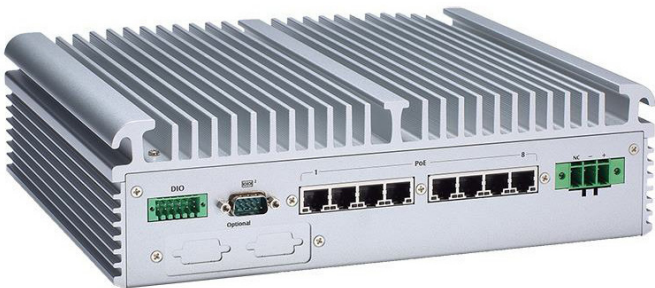
2-Bay Small Form Factor In-Vehicle / Harsh Environment Server

8 PORT POE IN-VEHICLE SERVER









The BCDSF02S-IVS supports 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 Intel® Core™ i5 or i7 processors. It also has two front-accessible SIM slots and four SMA-type antenna connectors.

For storage, this high performance fanless in-vehicle server has two drive bays with a height of up to 15 mm and one optional mSATA for RAID 0 and 1. Moreover, the embedded device supports two non-ECC 260-pin DDR4 SO-DIMM slots for up to 32GB of system memory.



KEY FEATURES

-  Up to 10TB Storage
-  Intel® Core™ 7th Generation Processor
-  Windows 10 Pro
-  SSD & 24/7 Duty Cycle SATA Drives
-  16GB DDR4 RAM
-  (8) RJ45 PoE Ports
-  Supports Cell/GPS/Wi-Fi Modules
-  -40°C to +50°C (-40°F to +122°F)
-  3-Year Advanced Replacement Warranty

BCDSF02S-IVS

2-Bay Small Form Factor In-Vehicle / Harsh Environment Server

SYSTEM

Operating System

Windows 10 Pro

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

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

Expansion Slots

(2) Full-size PCIe Mini Card Slot, (1) Half-size PCIe Mini Card Slot
(1) Half-size PCIe Mini Card, USB Mini Card slot, (2) SIM Slots

I/O Ports

(4) USB 3.0, (2) USB 2.0, (2) RS-232/422/485, (4) SMA Antenna Connectors, (1) 6-in/2-out Isolated DIO

Video Outputs

(1) VGA, (1) HDMI 1.4b, (1) DVI-D

MECHANICAL

Form Factor

Small Form Factor

Power Supply(s)

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

Power Draw

120W

Operating Temperature

(Min) -40°F - (Max) 122° F [(Min) -40°C - (Max) 50° C]

Operating Humidity

10 ~ 90% (non-condensing)

Shock Endurance

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

Vibration Endurance

IEC 60068-2-64 (with SSD, 3Grms STD, random 5 to 500 Hz, 1hr/axis)

Dimensions (WxDxH)

11.2" x 8.26" x 3.13" (280mm x 210mm x 79.6mm)

Max. Weight

11.24 lb (5.1 kg)

Certifications

CE, FCC Class A, IP40

Warranty

3-Year Advanced Replacement

Manufacturer

BCDVideo

STORAGE

Hard Drive Bays

(1) mSATA Slot & (2) 15mm 2.5" Drive Bays

Hard Drives Supported

SATA

RAID

JBOD

Maximum Storage

Up to 10TB HDD, 1TB SSD