

BCDSF01-RGD

BCDVideo 2-Bay Small Form Factor Rigid Server

8 OR 16 PORT RIGID SERVER

The BCDSF01-RGD supports (8) or (16) port Gigabit PoE and can work in harsh temperatures.









Comes with eight or 16 Gigabit PoE ports and is powered by an Intel® Core™ i7 or i5 processors. It also has two front-accessible SIM slots and four holes for mounting SMA-type antenna connectors.

For storage, this high performance fanless rigid server has two drive bays with a height of up to 15 mm, one mSATA storage slot, and support 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.



*8 port model pictured

KEY FEATURES

-  (8) or (16) RJ45 PoE Ports
-  Intel® Core™ 7th Generation Processor
-  Windows 10 IoT Embedded
-  SSD & 24/7 Duty Cycle SATA Drives
-  Supports Cell/GPS/Wi-Fi Modules
-  -40°C to +70°C (-40°F to +158°F)
-  5-Year Advanced Replacement Warranty
-  20 Harmonize RMM Licenses

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

Operating System

Windows 10 IoT Embedded

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) or (16) 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

Certifications

CE, FCC Class A, IP40, TPM, TAA

Manufacturer

BCD

MECHANICAL

Form Factor

Small Form Factor

Power Supply(s)

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

Operating Temperature

(Min) -40°F - (Max) 158° F [(Min) -40°C - (Max) 70° C]

Operating Humidity

10 ~ 90% (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

5-Year Advanced Replacement

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)

STORAGE

Hard Drive Bays

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

Hard Drives Supported

SATA