

# VSS-HES-8RJ-I7

## 2-Bay Small Form Factor Harsh Environment Server

### 8-PORT POE RIGID SERVER FOR IN-VEHICLE AND RAIL











The VSS-HES-8RJ-I7 supports 8-port gigabit PoE and can work in harsh temperatures.

It comes with eight gigabit PoE ports and is powered by 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. Additionally, this embedded device supports two non-ECC 260-pin DDR4 SO-DIMM slots for up to 32GB of system memory.



### KEY FEATURES

-  Up to 32GB DDR4 RAM
-  7th Generation Intel® Core™ Processor
-  SATA Drives
-  Supports Cellular/GPS/Wi-Fi Modules
-  RAID Options 0, 1
-  3-Year Advanced Replacement Warranty
-  Harmonize Bridge, powered by Tiger Technology
-  EN 50155 Certified
-  (8) RJ45 PoE Ports
-  -40°F (-40°C) to +158°F (+70°C)

harmonize Bridge  
POWERED BY TIGER TECHNOLOGY  
Inside



FOR MORE INFORMATION: [videoappliances.com](http://videoappliances.com) | [sales@videoappliances.com](mailto:sales@videoappliances.com) | +1.888.305.4993

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# VSS-HES-8RJ-I7

## 2-Bay Small Form Factor Harsh Environment Server

### SYSTEM

#### Manufacturer

BCD

#### 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 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

#### Operating System

Windows 10 IoT Embedded

### MECHANICAL

#### Form Factor

Small Form Factor

#### Power Supply(s)

24V DC Power Supply  
(qty of cameras required for Wattage)

#### Operating Temperature

(Min) -40°F - (Max) 158° F [(Min) -40°C - (Max) 70° C],  
with W.T. peripheral

#### Operating Humidity

0 ~ 95% (non-condensing)

#### Heat Dissipation

750 Max BTU/hr

#### Dimensions (WxDxH)

11.2" x 8.26" x 3.3" (280mm x 210mm x 83.7mm)

#### Max. Weight

12.68 lbs. (5.75 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)

#### Certifications

CE, FCC Class A, IP40, TPM, TAA

### STORAGE

#### Hard Drive Bays

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

#### Hard Drives Supported

SATA

#### RAID

RAID 0, 1