

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.



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KEY FEATURES

- (8) RJ45 PoE Ports
- 7th Generation Intel® Core™ Processor
- 16GB DDR4 RAM
- Supports Cellular/GPS/Wi-Fi Modules
- -40°F (-40°C) to +158°F (+70°C)



SATA Drives



5-Year Advanced Replacement
Warranty



RAID Options: 0, 1

FOR MORE INFORMATION

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SYSTEM	
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
Operating System	Windows 10 IoT Embedded
Memory	Standard Configuration: 16GB (2x 8GB) Maximum Configuration: Up to 32GB (2x DDR4 SO-DIMM Slots)
RAID Support	RAID 0, 1
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
Manufacturer	Video Storage Solutions
Warranty	5-Year Advanced Replacement
MECHANICAL	
Form Factor	Small Form Factor
Hard Drive Bays	(1) mSATA Slot & (2) 15mm 2.5" Drive Bays
Hard Drives Supported	SATA
Power Supply(s)	(1) 24V 120W External (10 - 30VDC)
Maximum Power Draw	90W
Operating Temperature	(Min) -40°F - (Max) 158° F [(Min) -40°C - (Max) 70° C]
Operating Humidity	10 - 90% (non-condensing)
Dimensions (WxDxH)	11.2" x 8.26" x 3.13" (280mm x 210mm x 79.6mm)
Max. Weight	11.24 lbs. (5.1 kg)
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

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