

## 16-Port PoE Rigid Server for in-vehicle and rail

The VSS-HES-16RJ-I7 supports 16-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, 1, 5 and 10. 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

- (16) 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, 5, 10

### FOR MORE INFORMATION

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### TECH SUPPORT

support@videoappliances.com

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SYSTEM	
<b>Processor(s)</b>	(1) Intel® Core™ 7th Generation Processor (Up to 4 Cores, 8 Threads, 3.80GHz)
<b>Processor Passmark</b>	Intel® Core™ i5-7500T: 6,950 Intel® Core™ i7-7700T: 9,288
<b>Operating System</b>	Windows 10 IoT Embedded
<b>Memory</b>	Standard Configuration: 16GB (2x 8GB) Maximum Configuration: Up to 32GB (2x DDR4 SO-DIMM Slots)
<b>RAID Support</b>	RAID 0, 1, 5, 10
<b>Networking</b>	(16) 1GbE RJ45 Ports (IEEE 802.3af/802.3at)
<b>Expansion Slots</b>	(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
<b>I/O Ports</b>	(4) USB 3.0, (2) USB 2.0, (2) RS-232/422/485, (4) SMA Antenna Connectors, (1) 6-in/2-out Isolated DIO
<b>Video Outputs</b>	(1) VGA, (1) HDMI 1.4b, (1) DVI-D
<b>Manufacturer</b>	Video Storage Solutions
<b>Warranty</b>	5-Year Advanced Replacement
MECHANICAL	
<b>Form Factor</b>	Small Form Factor
<b>Hard Drive Bays</b>	(1) mSATA Slot & (2) 15mm 2.5" Drive Bays
<b>Hard Drives Supported</b>	SATA
<b>Power Supply(s)</b>	(1) 24V 120W External (10 - 30VDC)
<b>Maximum Power Draw</b>	90W
<b>Operating Temperature</b>	(Min) -40°F - (Max) 158° F [(Min) -40°C - (Max) 70° C]
<b>Operating Humidity</b>	10 - 90% (non-condensing)
<b>Dimensions (WxDxH)</b>	11.2" x 8.26" x 3.13" (280mm x 210mm x 79.6mm)
<b>Max. Weight</b>	11.24 lbs. (5.1 kg)
<b>Shock Endurance</b>	IEC 60068-2-27 (with SSD, 50G, half sine, 11ms duration)
<b>Vibration Endurance</b>	IEC 60068-2-64 (with SSD, 3Grms STD, random 5 to 500 Hz, 1hr/axis)
<b>Certifications</b>	CE, FCC Class A, IP40, TPM, TAA

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