

VEC- 891-1500

DUAL GPU HIGH MACHINE VISION EMBEDDED COMPUTER RANGE

KEY BENEFITS

- ▶ Extreme performance with 8th generation Intel Xeon and Intel Core i CPUs
- ▶ Four full-height expansion slots for high expandability
- ▶ Multiple expansion options
- ▶ Highly reliable, robust fanless design with protection against demanding shock and temperature environments*
- ▶ Rich I/O
- ▶ Removable storage with RAID support

* some GPU cards require a small chassis fan to be installed for adequate cooling



These highly expandable dual GPU workstations allow integrators to combine machine vision applications with AI. Powered by 6 core 8th generation Intel processors and leading edge RTX 2080 Nvidia Turing architecture, the workstation range delivers high processing performance for demanding real-time applications.

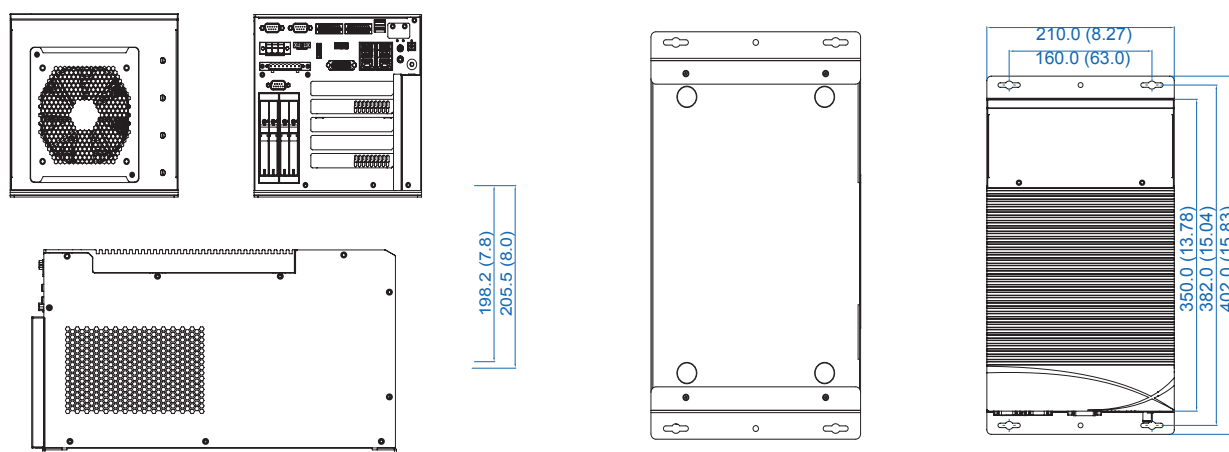


SPECIFICATIONS

VEC-891-1500 Dual GPU High Machine Vision Embedded Computer Range	
CPU	Intel Xeon /Core™ i7/i5/i3 processor (Coffee Lake-S)
Memory	4 x DDR4 2666MHz RAM, up to 128GB
Storage	4 x removable 2.5" SSD (supports RAID 0/1/5/10)
Graphics	Intel HD P630/630 (dependent on CPU) Graphics card 1: By request Graphics card 2: By request
Expansion	VEC-981-1430FR 1 x PCIe x16, 1 x PCIe x4, 1 x PCIe x1 VEC-981-1421FR 1 x PCIe x16, 1 x PCIe x4, 1 x PCI VEC-981-1412FR 1 x PCIe x16, 2 x PCI 2 x mini-PCIe 1 x M.2 (key E Socket) 1 x M.2 (key M Socket)
I/O Ports	6 x USB 3.1 (Gen2) 1 x USB 2.0 4 x RS232/422/485 32 GPIO 3 x SIM card socket
LAN	2 x gigabit Ethernet LAN
Video/Audio	1 x DVI-I: up to 1920 x 1200 @ 60Hz 1 x DVI-D: up to 1920 x 1200 @ 60Hz 2 x DisplayPort: up to 4096 x 2304 @ 60Hz Realtek ALC892, channel HD audio 1 x mic-in 1 x line-out

VEC-891-1500 Dual GPU High Machine Vision Embedded Computer Range	
Operating System	Windows 10 Linux
Input Voltage	6 – 36V DC Input
Dimensions	172mm (W) x 330mm (L) x 210mm (H)
Operating Temperature	35W TDP CPU : -40°C to 75°C (-40°F to 167°F) 65W TDP CPU : -40°C to 55°C (-40°F to 131°F) 80W TDP CPU : -40°C to 45°C (-40°F to 113°F)
Certification	CE, FCC, EN50155, EN50121-3-2
Shock	IEC 60068-2-27 SSD: 50G @ wall mount, half-sine, 11ms
Vibration	IEC 60068-2-64 SSD: 5Grms, 5Hz to 500Hz, 3 axis
Accessories	160/280W 24VDC wide temperature power adapter Terminal block cable (100cm, 500cm) WiFi/Bluetooth module 4G module
Order Codes	VEC-981-1430FR VEC-981-1400, 1 x PCIe x16, 1 x PCIe x4, 1 x PCIe x1 VEC-981-1421FR VEC-981-1400, 1 x PCIe x16, 1 x PCIe x4, 1 x PCI VEC-981-1412FR VEC-981-1400, 1 x PCIe x16, 2 x PCI

TECHNICAL DRAWING



E&OE. Captec reserves the right to change specifications without notice.

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