AVS-522-EH1EQ1

9th Gen. Intel Core i7/i5/i3 Processor Vertical Application for Machine Vision System

Features

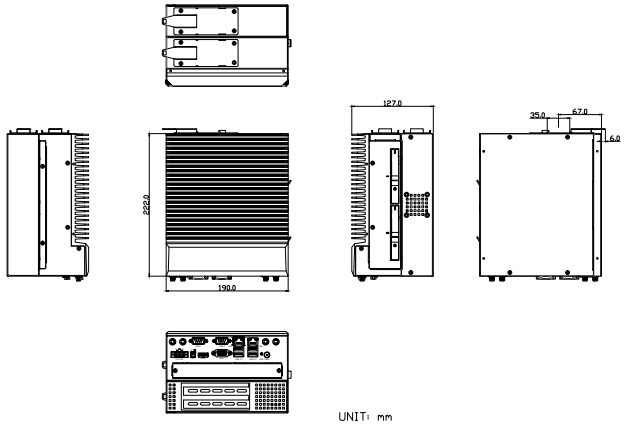
- Vertical System for Machine Vision
- 9th Gen. Intel Core i7/i5/i3 Processors
- Support with DDR4 (2666MHz) SO-DIMM up to 64GB
- Removable Drive-bays
- Support extensive GPU Card(75W) expansion
- CPU(35W) Fan-less Design and GPU Card Expansion
- Flexible expansion features through I/O module design

Specifications

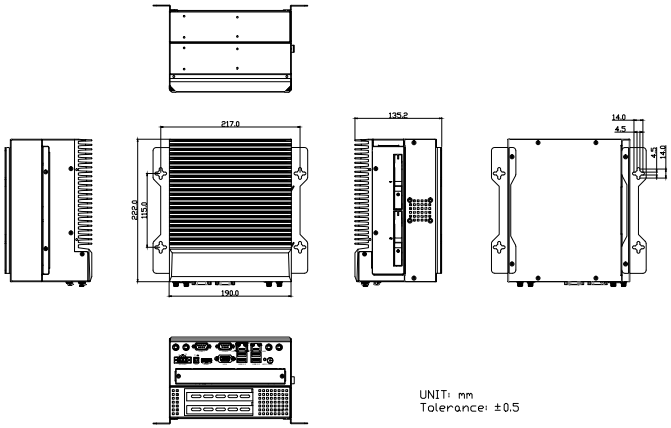
System	
CPU	9th Gen. Intel Core i7/i5/i3 Processor
System Chipset	Q370
Memory	2 x 260-pin DDR4 SO-DIMM memory, up to 64GB
IO Port	
USB	4 x USB 3.2 Gen1 type A 1 x internal USB2.0 Type A for dongle
Serial/Parallel	1 x RS-232/422/485 DB-9 (COM1, default RS-232) 1 x RS-232 DB-9 (COM2)
Graph	1 x VGA 1 x HDMI
LAN	2 x GbE LAN, RJ-45 by intel I210(I211)AT and i219LM controller
Power	1 x 3-pin DC power input terminal block 1 x 2-pin power switch 1 x Power button with light
Storage Space	
HDD	2 x 2.5" SATA3 HDD/SSD, Easy-swappable HDD tray
Expansion	
On Board Expansion Bus	1 x Full size Mini-PCIe slot 1 x M.2 M key 2280/2242 support NVMe
Riser	1 x PCIe-16, 1 x PCIe-4, default
Power	
Power Input	DC 9~36V
Power Consumption	Max: 150W
Mechanical	
Construction	Plating Titanium Gray Aluminum Heatsink and Black Steel Chassis
Mounting	Wall Mount (default) & Din Rail (option)
Dimensions	222 x 190 x 127mm
Net Weight	4.2 kg
Environmental	
Operating Temperature	-20˚C~60˚C (for i3/i5 model) / -20˚C~50˚C (for i7 model)
Storage Temperature	-40˚C~85˚C
Storage Humidity	10 to 90%@ 40˚C, non-condensing
Vibration	1G / 5 ~ 500Hz (Random) / operation
Shock	15G peak acceleration(11 msec. duration) / operation
Drop	92cm(1 Corner, 3 Edge, 6 Surface)
Certificate	Meet CE/FCC Class A
Operating System Support	
Win10 IoT, Windows 11, Linux Kernel 4.15 (Ubuntu 16.04.4)	

Dimensions

Din Rail



Wall Mount



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All specifications and photos are subject to change without notice.

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Machine Vision

Assured Systems

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