

AVS-520QL

9th Gen. Intel Core i7/i5/i3 Processor Machine Vision Application 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 with Smart Fan support
- 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
HS (High Speed) expansion I/O	2 x GbE LAN, RJ-45 by intel I210(I211) AT 2 x USB 3.0, type A 1 x 8bit GPIO, terminal block 1x10 pin
Power	
Power Input	DC 9~36V
Power Consumption	Max: 180W
Mechanical	
Construction	Plating Titanium Gray Aluminum Heatsink and Black Steel Chassis
Mounting	Wall Mount (default) & Din Rail (option)
Dimensions	222 x 190 x 77 mm
Net Weight	3.4Kg
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)	

Machine Vision

All specifications and photos are subject to change without notice.

Sistemi Avanzati Elettronici S.r.l.

Via Marconi, 11D - 13836 Cossato (BI)

+39 015 983206 | info@sisav.it | www.sisav.it

Industrial Panel PC

HMI Cotroller

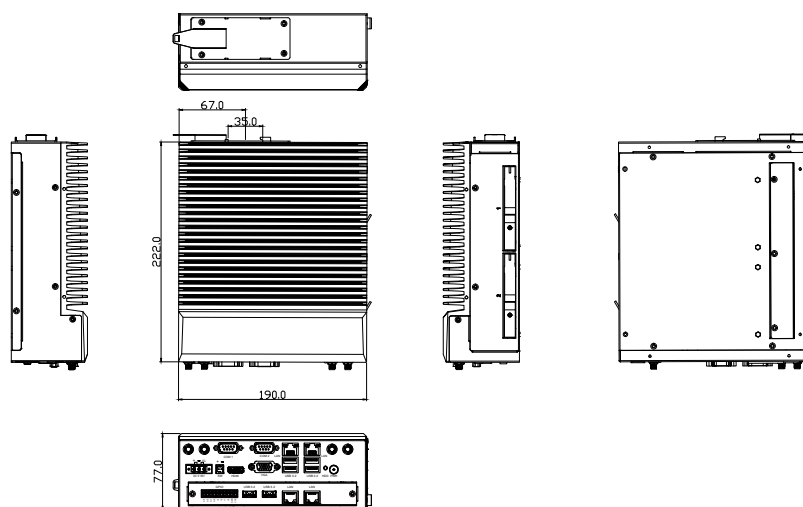
Industrial
Display Monitor

Machine Vision

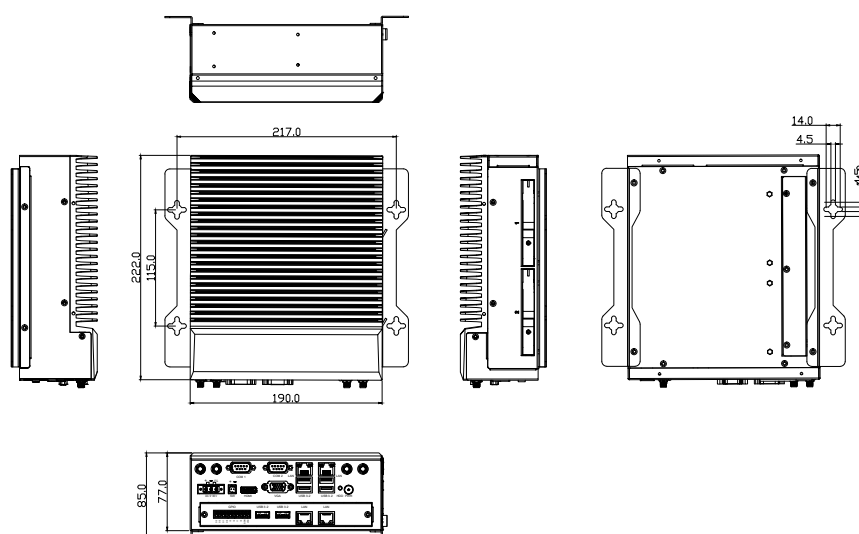
Dimensions



Din Rail



Wall Mount



V 1.2

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Machine Vision

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