

AVS-700

Intel 8th/9th Gen. Core-i and Xeon Platform Vertical Application System

Industrial Panel PC

HMI Cotroller

Industrial
Display Monitor

Machine Vision



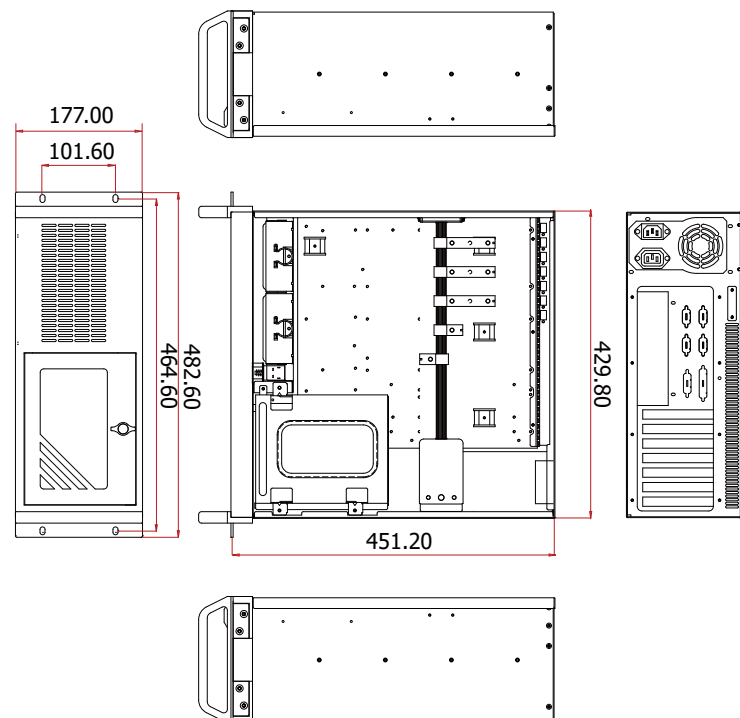
Features

- 4U Rackmount Chassis for ATX/microATX Motherboard
- Up to 1 x 3.5"/2.5" SATA Drive bay and 3 x Optical Drive bays
- Front-accessible System Fan and USB Interfaces
- Supports 7 Expansion slots
- 3 Independent Displays: VGA & DP++ & DP++
- DP++ Resolution up to 4096 x 2160 @ 60Hz

Specifications

System	
CPU	Intel 8th/9th Gen. Core i7/i5/i3 and Xeon Processors, LGA 1151 Socket
System Chipset	C246
Memory	4 x 288-pin ECC DIMM memory sockets, Dual Channel DDR4 (2400/2666 MHz), up to 128 GB support (Core i5/i7 only support non-ECC) Default: 8G DDR4 2666 U-DIMM
Default I/O	1 x Ethernet with Intel I211AT PCIe (10/100/1000Mbps) 1 x Ethernet with Intel I219LM PCIe with iAMT12.0 (10/100/1000Mbps) (only Xeon/Core i7/i5 supports iAMT) 4 x USB 3.1 Gen1 2 x USB 2.0 2 x USB 2.0 (front panel) 1 x RS-232/422/485 (RS-232 w/ power) (DB-9) 1 x PS/2 (mini-DIN-6) 1 x VGA 2 x DP++ 1 x Power Switch
Storage Space	
Storage	4 x SATA3 channels (RAID 0/1/5/10) 1 x Mini PCIe (PCIe/mSATA, share w/SATA conn. as opt./USB2.0) 1 x M.2 2242/2280 M key (PCIe x4 NVMe, Intel Optane Memory Support) Default: 1 x M.2 256G TLC 2280 with Win10/ 1 x 2TB 3.5" HDD
Expansion	
Expansion slot	1 x PCIe x16 (Gen 3) (x8/x8 signals as opt., MOQ required) 3 x PCIe x4 (Gen 3) 2 x PCI
Power	
Power Input	500W PSU (100V~220V AC-IN)
Mechanical	
Construction	SECC
Color	Beige
Mounting	Rack Mount (Default)
Dimensions	173.6 x 429 x 451.2 mm
Cooler	95W CPU COOLER LGA115X, AL 6063-T5 +COPPER CORE 94*94*68W/FAN(TWO balls)/W/BRACKET; ECC-00682-X5-GP
Weight	Gross Weight: TBD Net Weight: TBD
Ventilation	2 x 92cm System Fan with Quick Access Filter

Dimensions



Environmental	
Operating Temperature	0°C~45°C
Storage Temperature	-20°C~60°C
Operating Humidity	0 to 90% @, non-condensing
Storage Humidity	0 to 90% @, non-condensing
Vibration	1Grms/5~500Hz operating; Sweep Sine 10~500Hz 1.5G non-operating
Shock	3G operating; 5G non-operating
Certificate	CE, FCC, RoHS
Operating System Support	
Default: Win10 IoT 64-bit Traditional Chinese, Linux	

Box PC

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