

## AVS-313

Intel Celeron J1900 Processor Machine Vision Application System

Industrial Panel PC

HMI Cotroller

Industrial Display Monitor

Machine Vision



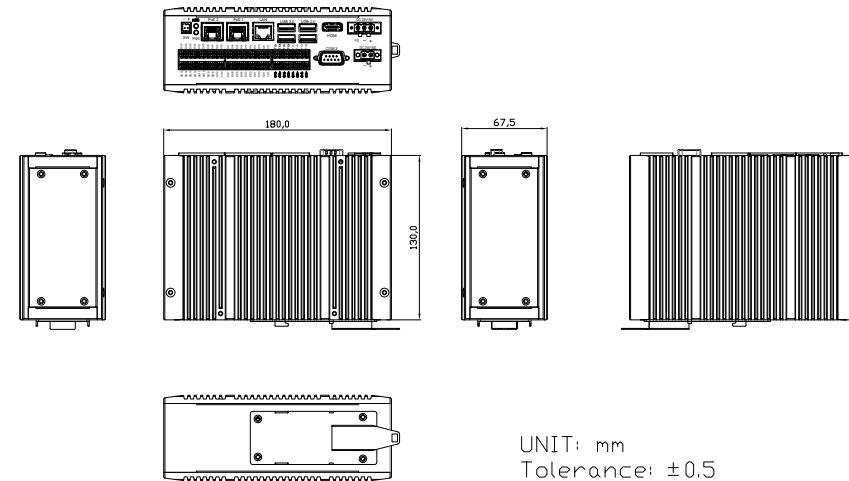
### Features

- Intel Celeron J1900 Processor
- 1 x DDR3L SO-DIMM 1333MHz
- 1 x 2.5" SATA2 HDD space
- 2 x PoE ports with intel i210AT controller
- Fanless Design
- DC 9~36V Power input

### Specifications

System	
USB	Onboard Intel Celeron J1900 Processor
System Chipset	SoC
Memory	1 x 204-pin SO-DIMM DDR3L 1333MHz, up to 8GB
I/O Port	
USB	1 x USB 3.0 (type A) 3 x USB 2.0 (type A) 2 x USB 2.0 (type A, Internal, via TB-579IL)
Serial/Parallel	1 x RS232, DB9 (COM3, via TB-579IL)
Audio	1 x Line out
Graph	Integrated Intel HD Graphics 688/854 MHz(J1900) 1 x HDMI up to 1920 x 1200
LAN	1 x GbE LAN RJ-45 by intel i210AT(i211AT) controller
PoE	2 x Gigabit IEEE 802.3af/at (15.4W/25W) PoE port by RJ-45 with intel i210AT controller
Digitl I/O	8 x DI, 8 x DO, 2 x 10Pin Phoenix Connector, isolation (GPIO1, via TB-579IL) 8 x DI, 8 x DO, 2 x 10Pin Phoenix Connector, isolation (GPIO2, via TB-579IL)
Lighting control	4 x Lighting control , 1 x 8 Pin Phoenix Connector, CH0/CH1/CH2/CH3 (via TB-579IL)
Trigger	4 x Trigger input, 1 x 8 Pin Phoenix Connector, isolation (via TB-579IL)
Storage Space	
HDD	1 x 2.5" SATA2 HDD/SSD bay 1 x mSATA
Expansion	
Expansion slot	1 x Mini PCIe slot
Power	
Power Input	DC 9~36V
Mechanical	
Dimensions	180 x 130 x 67.5 mm
Gross weight	2.15 kg

### Dimensions



UNIT: mm  
Tolerance: ±0.5

Environmental	
Operating Temperature	-20° C~70° C
Storage Temperature	-40° C~85° C
Storage Humidity	10 to 90%@ 40° C, non-condensing, operating
Certificate	Meet CE/FCC Class A
Operating System Support	
	Windows 7 32/64bit, Windows10

## Assured Systems

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