



Features

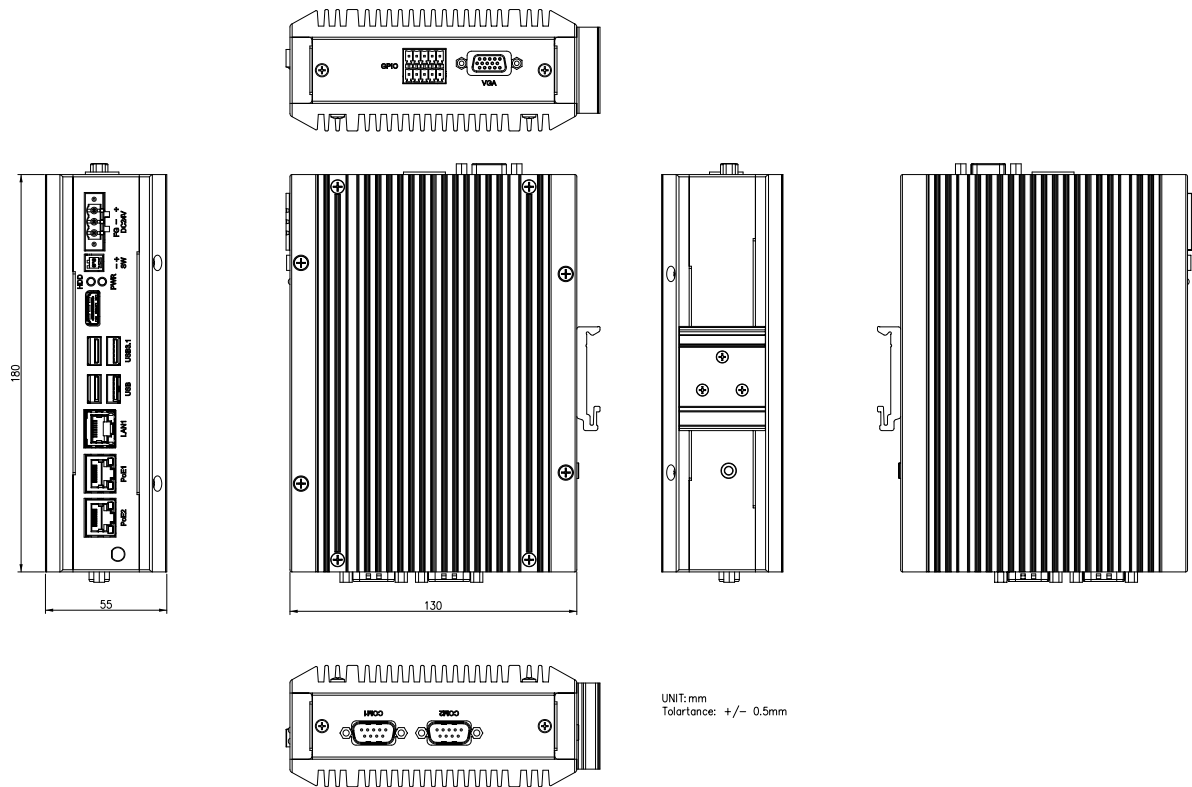
- Intel Elkhart Lake Processor
- 1 x 260-pin DDR4 3200MHz SO-DIMM slot, up to 32GB
- HDMI / VGA Interface
- Dual PoE Ports for AVS-320, 3 x GbE LAN for AVS-320-NP
- DC 24V for AVS-320, DC 12~36V for AVS-320-NP

Specifications

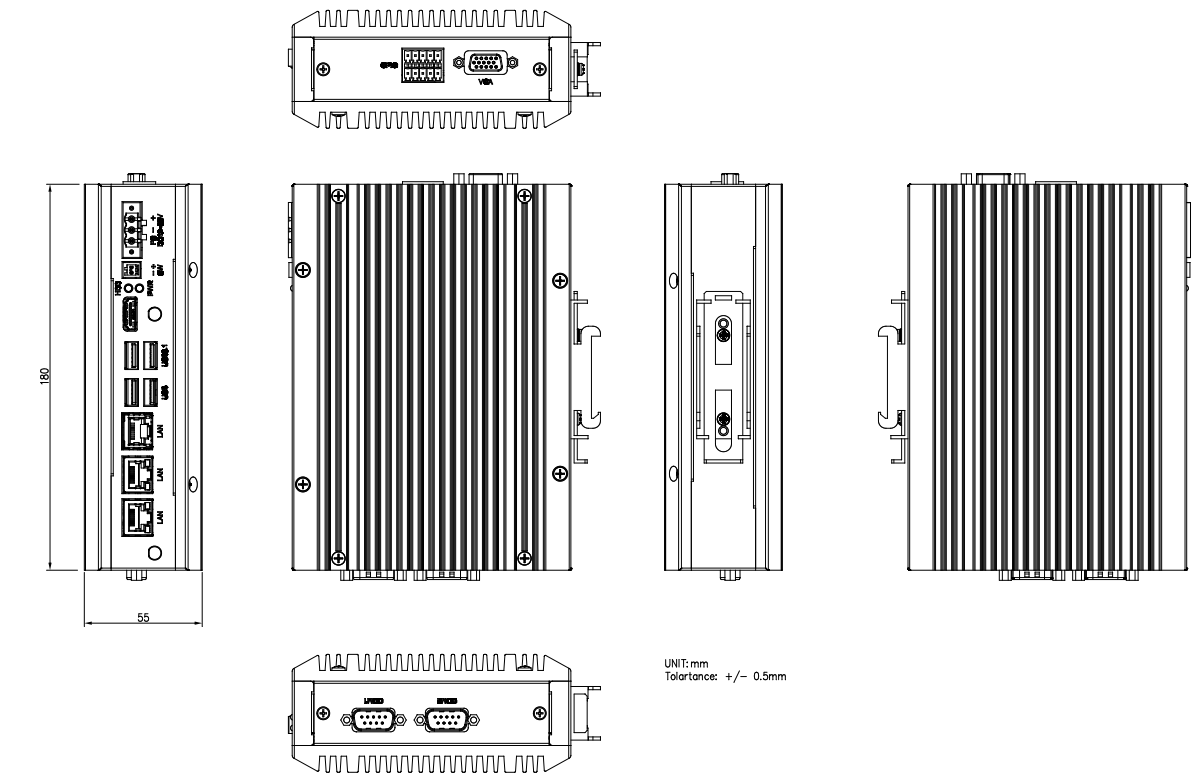
System	
CPU	Intel Celeron J6413 Processors
System Chipset	SoC
System Memory	1 x 260-pin DDR4 3200MHz SO-DIMM slot, up to 32GB
I/O Interface	
USB	2 x USB 3.2 Gen1 (Type A) stack port 2 x USB 2.0 (Type A) stack port 1 x USB 2.0 (Type A) stack port (internal)
Serial/Parallel	1 x RS-232/422/485, DB9 1 x RS-232, DB9
Display	Integrated Intel UHD Graphics 400/800 MHz 1 x VGA up to 1920 x 1200 @60Hz 1 x HDMI 2.0, up to 4096 x 2160 @60Hz
LAN	AVS-320: 1 x GbE port by RJ45 with Intel I210AT Controller 2 x Gigabit IEEE 802.3af/at (15.4W/30W) PSE ports by RJ45 with Intel I210AT controller AVS-320-NP: 3 x GbE ports by RJ45 with Intel I210AT
Digital I/O	4 x DI, 4 x DO, 2 x 5-pin Phoenix Connector
Power	1 x 3-pin Terminal block for DC power input 1 x 2-pin Power switch
Storage Space	
Storage	1 x SATA 3 Connector (7-pin)
Expansion	
On Board Expansion Bus	1 x M.2 M-Key 2242 Socket (SATA3) 1 x M.2 B-Key 3042/3052 Socket (USB3.2 Gen1/USB 2.0/PCIex1)
Power	
Power Input	AVS-320: DC 24V, AVS-320-NP: DC 12~36V
Mechanical	
Construction	Black SECC with Aluminum Heatsink
Mounting	DIN-rail Mount
Dimensions (WxDxH)	180 x 130 x 55 mm
Net Weight	1.9 kg
Environmental	
Operating Temperature	-20~70°C
Storage Temperature	-40~85°C
Storage Humidity	10 to 90%@ 40°C, non-condensing
Certificate	Meet CE/FCC Class A, RoHs
Operating System Support	
Windows 10 IoT, Windows 11 IoT, Ubuntu 24.04	

Dimensions

AVS-320



AVS-320-NP



UNIT:mm
Tolartance: +/- 0.5mm

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