

AVS-320

Machine Vision Application system Onboard Intel Elkhart Lake Processor

Industrial Panel PC

HMI Cotroller

Industrial
Display Monitor

Box PC

Features

- Intel Elkhart Lake Processor
- 1 x 260-pin SO-DIMM up to 32GB DDR4
- HDMI / VGA Interface
- Dual PoE Ports
- DC 24V Input Only

Specifications

System	
CPU	Intel J6413 Processor
System Chipset	SoC
System Memory	1 x 260-pin SO-DIMM up to 32GB DDR4
TPM	Firmware TPM (TPM 2.0 compliance)
I/O Interface	
USB	2 x USB 3.1 (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-485/RS-232/RS-422, DB9
	1 x RS-232, DB9
Display	1 x VGA
	1 x HDMI
LAN	1 x GbE ports by RJ-45 with Intel I210-AT
	2 x Gigabit IEEE 802.3af/at (15.4W/30W) PoE ports by RJ-45 with Intel I210-AT
Digital I/O	1 x 8-bit GPIO
Power	1 x 3-pin DC Power Input, Terminal Block
	1 x Power Button

Storage Space	
Storage	1 x SATA 3 Connector (7-pin)

Expansion	
On Board Expansion Bus	1 x M.2 B-Key Socket (USB 3.1 / USB 2.0), 3042/3052 1 x M.2 M-Key Socket (SATA 3), 2242

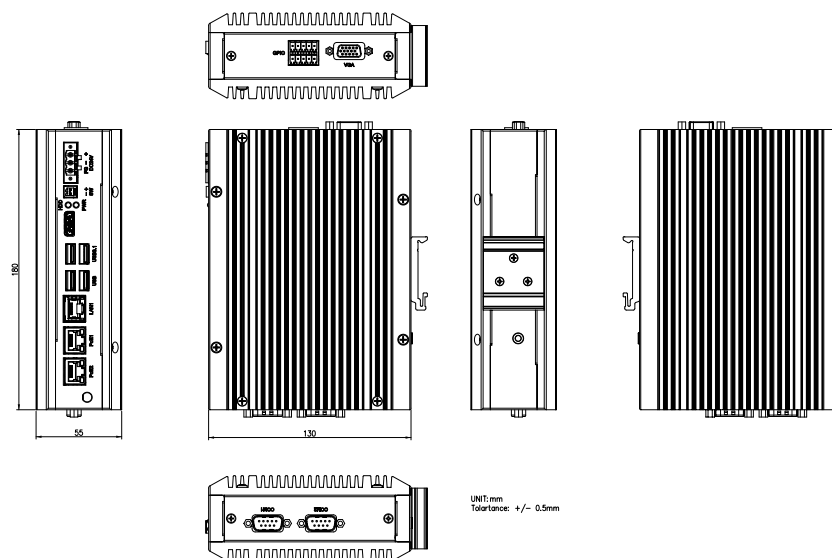
Power	
Power Input	24V DC In

Mechanical	
Construction	Aluminum Heatsink and Steel Chassis
Mounting	DIN rail Mount
Dimensions	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	

Dimensions



V 1.2

Box PC

All specifications and photos are subject to change without notice.

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Assured Systems

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