

AXWL-10

Intel Whiskey Lake-U Processor based Fanless Industrial PC



Features

- CPU: Intel Whiskey Lake-U Processor
- Memory: 2x SO-DIMM DDR4 up to 64GB
- Display: Intel UHD Graphics, Dual displays via HDMI, DP
- Ethernet: 10/100/1000Mbps
- Storage: 1xM.2 for SSD/4G, SATA3.0
- Expansion: 1x M.2 for WiFi
- Power: 12V DC input



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Introduction

The AXWL-10 is an embedded fanless industrial PC based on Intel Whiskey Lake-U processors. It supports 2xSO-DIMM DDR4 up to 64GB, SATA3.0 and M.2 for storage with comprehensive I/O interfaces. Dual displays via HDMI, DP with Intel HD Graphics, addition M.2 for WiFi expansion. Features 2xLAN, 6xCOM, 3xUSB3.2, and 5xUSB2.0 for ease integration, caters to most market requirements.

The AXWL-10 is fanless and ventless, designed to be an ideal solution for industrial uses. Its ruggedness delivers reliable operation in poor ventilation, withstand harsh environments, a long lifecycle for sustainable development. It has a low power consumption, great for energy saving, retains the robust design of all Maxtang product lines with cost advantages. Provides a great user experience, increases productivity with stability and reliability



H/W Monitor



Watchdog

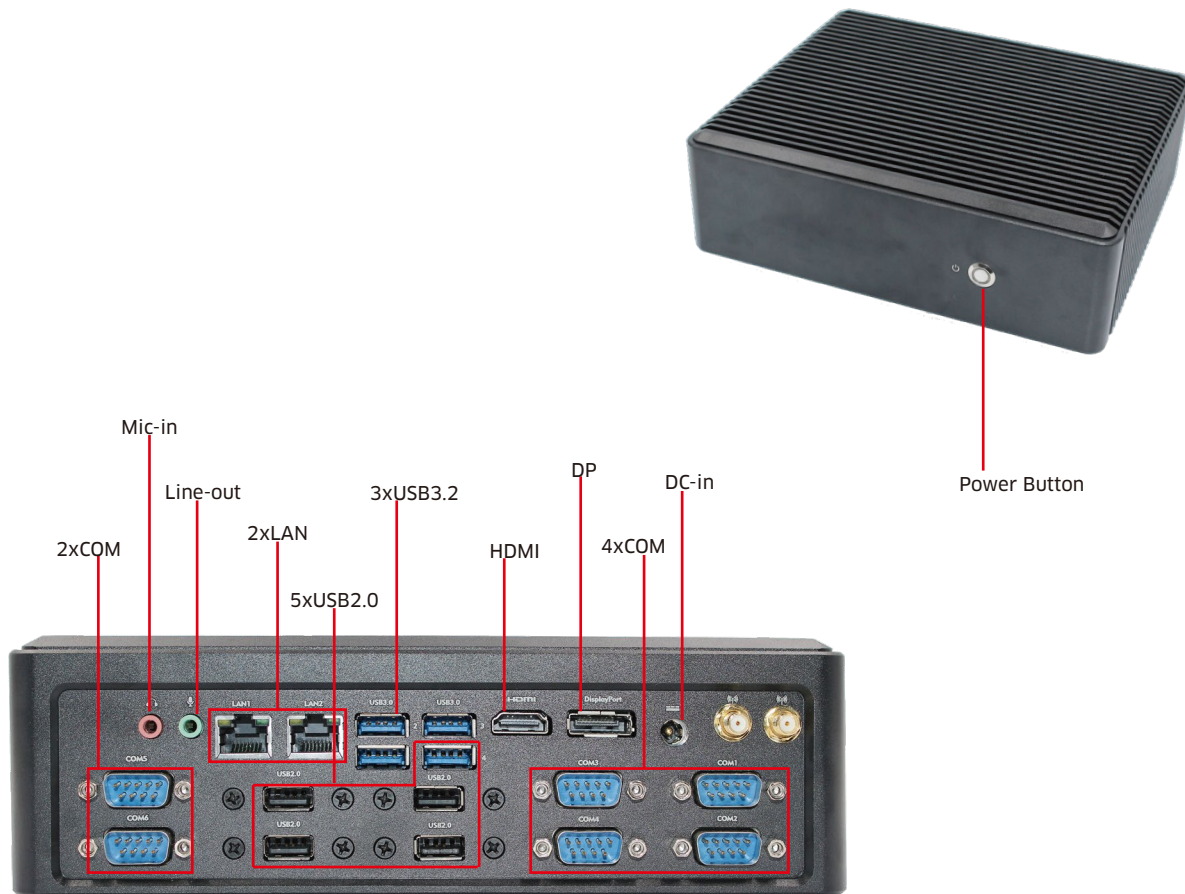


GPIO



Brightness

I/O Interfaces

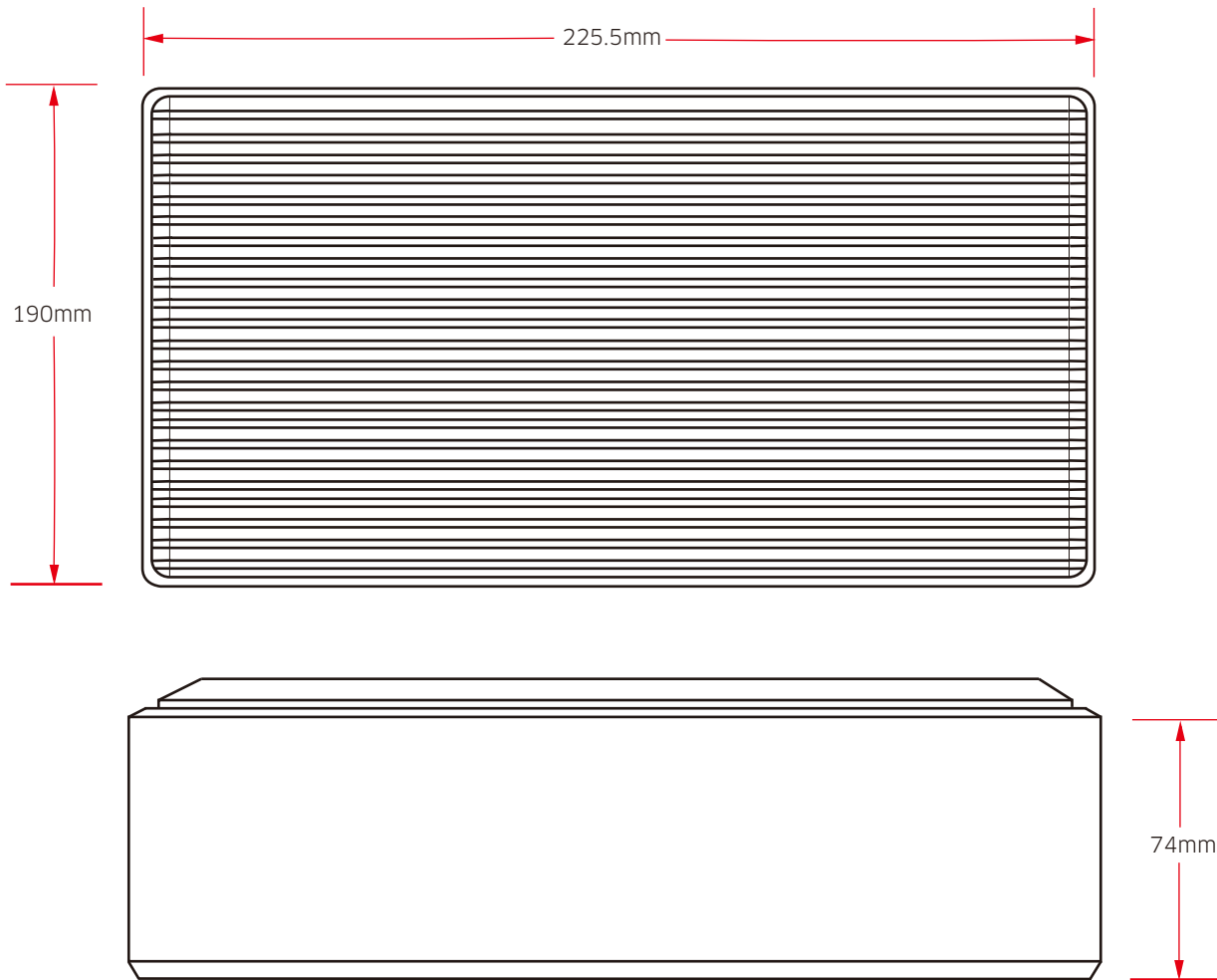


Technical Specifications

Processor	CPU	Celeron 4205U	i3-8145U	i5-8265U	i7-8665U	
	Base Frequency	1.80 GHz	2.10 GHz	1.60 GHz	1.90 GHz	
	Max Turbo Frequency	/ GHz	3.90 GHz	3.90 GHz	4.80 GHz	
	Cache	2MB	4MB	6MB	8MB	
	BIOS	AMI UEFI BIOS				
Memory	Type	2x SO-DIMM DDR4				
	Max Capacity	64GB				
Display	GPU	Intel UHD Graphics based on CPU				
	Display via	HDMI+ DP				
Ethernet	Speed	10/100/1000Mbps				
	Controller	Intel i211				
	Interface	RJ45				
Audio	Wake on LAN	Yes				
	Audio Codec	Realtek HD				
	Interface	Mic-in, Line-out, SPDIF and Amplifier header				
Hardware	System temperature, Onboard voltage, Watchdog, Auto power on					
Storage	M.2	1x M.2 for SSD/4G				
	SATA3.0	1				
Expansion I/O	M.2	1x M.2 for WiFi				
	LAN	2				
	COM	5xRS232+1xRS485				
	USB2.0	5				
	USB3.2	1				
	HDMI	1				
	DP	1				
	Audio	1xMic-in+1xLine-out				
	DC-in	1				
	Dimension	Size	225.5mm x 190mm x 74mm			
		Weight	TBD			
	Power	Standard port	12V DC-IN			
		Peripheral Input	For Fan and SATA			
LED Indicator		Power Indicator				
Temperature	Operating Temp.	-20°C to 60°C				
	Storage Temp.	-40°C to 80°C				
Cooling	Passive					
Operating System	Win 10 64bit, Linux 64 bit					

*All specifications and photos are subject to change without notice.

Dimensions



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