DATASHEET

SXC-ARL30

Intel® Meteor Lake/Arrow Lake Series CPU based Embedded Mini PC supports up to four displays with Intel® AI Boost NPU

Features

- CPU: Intel® Meteor Lake/Arrow Lake-U/H Processor
- Memory: Onboard LPDDR5, 8GB/16GB/32GB
- GPU: Integrated Intel® Graphics, Max Four Displays.
- Ethernet: 10/100/1000/2500Mbps
- Storage: 3 x M.2 Key M for NVMe SSD, M.2 Key B for SATA SSD/4G
- I/O Ports: 2xLAN, 2xCOM, 4xUSB3.2, 2xUSB2.0, 4xHDMI, USB-C
- Expansion: M.2 Key E for Wi-Fi(support CNVi, PCIe&USB), Nano SIM
- Power: 9-36V DC-IN/Phoenix optional
- Support Intel® AI Boost NPU, HDMI Hot-Plug Lock, RTC/W

intel prestige partner Builder

Maxtang®
MAXIMIZING YOUR COMPUTING PRODUCTIVITY

Introduction

The Maxtang SXC-ARL30 is a high-performance embedded mini PC powered by Intel® Core™ Ultra processors (Meteor Lake/Arrow Lake U/H Series), delivering a balance of energy efficiency and computing power for edge and industrial applications. Featuring Intel® AI Boost NPU, it enables efficient on-device AI acceleration, making it well-suited for intelligent workloads such as real-time analytics and automation. The system supports up to four independent displays via 4× HDMI 2.0 and USB-C (DP 1.4), with HDMI Hot-Plug Lock ensuring stable and reliable multi-display operation.

Designed for flexibility and durability, the SXC-ARL30 offers rich connectivity including dual LAN (1× 1GbE + 1× 2.5GbE), multiple USB interfaces, and extensive expansion with three M.2 NVMe slots plus M.2 for 4G and Wi-Fi modules. It supports wide voltage input (9–35V DC) and operates in -20°C to 60°C, with fanless or active cooling options depending on processor selection. With its robust design and AI-ready capabilities, the SXC-ARL30 is an ideal solution for digital signage, smart retail, edge AI computing, and industrial control systems.

Linux™

ubuntu Linux

Windows

H/W Monitor

Watchdog

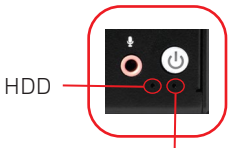
HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

I/O Interfaces

▪ PASSIVE

▪ ACTIVE

2xCOM
(RS232/RS485)

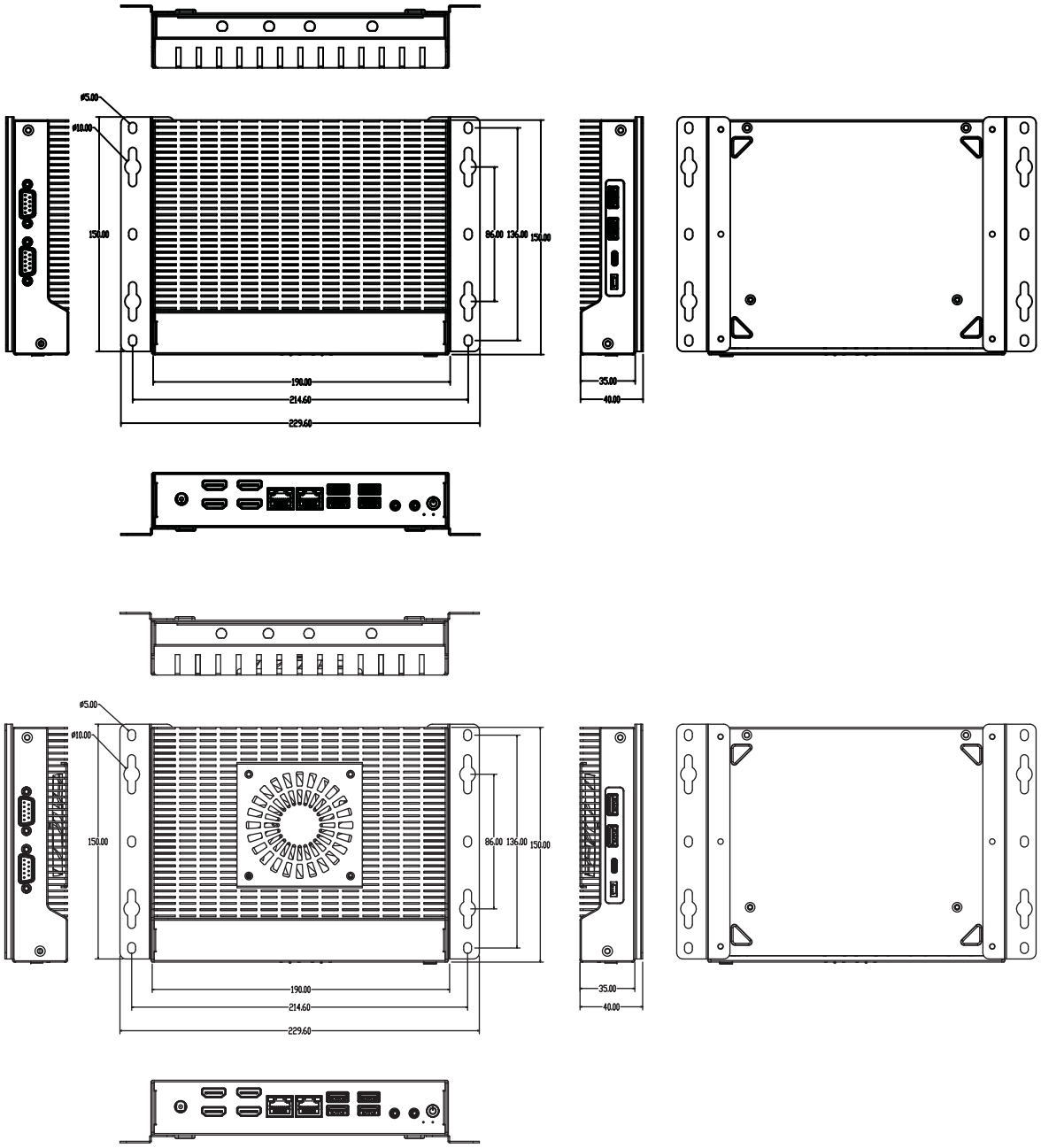


Technical Specifications

Processor	Intel® Core™ Ultra 5/Ultra 7	125U	225U	125H
	Total Cores/Threads	12C/14T	12C/14T	14C/18T
	P-core Max Turbo Frequency	4.30GHz	4.80GHz	4.50GHz
	E-core Max Turbo Frequency	3.60GHz	3.80GHz	3.60GHz
	Cache	12MB	12MB	18MB
	Processor Base Power	15W	15W	28W
NPU	Intel® AI Boost	Yes	Yes	Yes
	BIOS	AMI UEFI BIOS		
Memory	Type	Onboard LPDDR5		
	Capacity	8GB/16GB/32GB		
Display	Graphics	Integrated Intel® Graphics/Intel® Arc™ Graphics		
	Display via	4 x HDMI2.0, 1 x USB-C(DP1.4)		
	Max. Displays	Up to 4 independent displays, HDMI Hot-Plug Lock supported		
Ethernet	Controller	LAN1: 1xIntel i219(1.0GbE), LAN2: 1xIntel i226(2.5GbE)		
	Interface	2 x RJ45		
	Wake on LAN	Yes		
Audio	Audio Codec	SenaryTech SN6186		
	Interface	1 x Line-out, 1 x Mic-in		
Storage&Expansion	M.2_N1	1 x M.2 Key M Slot for 2280 NVMe SSD		
	M.2_N2	1 x M.2 Key M Slot for 2280 NVMe SSD		
	M.2_N3	1 x M.2 Key M Slot for 2280 NVMe SSD		
	M.2_SW	1 x M.2 Key B Slot for 2280 SATA SSD/3042 4G Module		
	M.2_E	1 x M.2 Key E Slot for 2230 Wi-Fi&BT Module, Support CNVi, PCIe & USB.		
	Nano SIM	1 x Internal Nano SIM Slot		
Other I/O	COM	2 x COM, RS232 by default, RS485 optional		
	USB2.0	2 x USB2.0		
	USB3.2	4 x USB3.2		
	USB-C	1 x USB-C(supports USB3.2 plus DP1.4)		
	Wired Control	1 x Wired Control Switch		
	TPM	Onboard, optional		
Real Time Clock	RTC	Support RTC set up, independently for each day of the week.		
Dimension	Size	190mm x 150mm x 35mm		
Weight	N.W.	TBD		
Power	Standard Port	9-36V DC-IN		
	Optional	Phoenix_2PIN		
Temperature	Operating Temp.	- 20°C to 60°C		
	Storage Temp.	- 40°C to 80°C		
Cooling Method		Passive(U Series Processors)		
		Active(H Series Processors)		
Operating System		Windows 11 64bit, Linux 64bit		

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

Dimension (in mm)



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