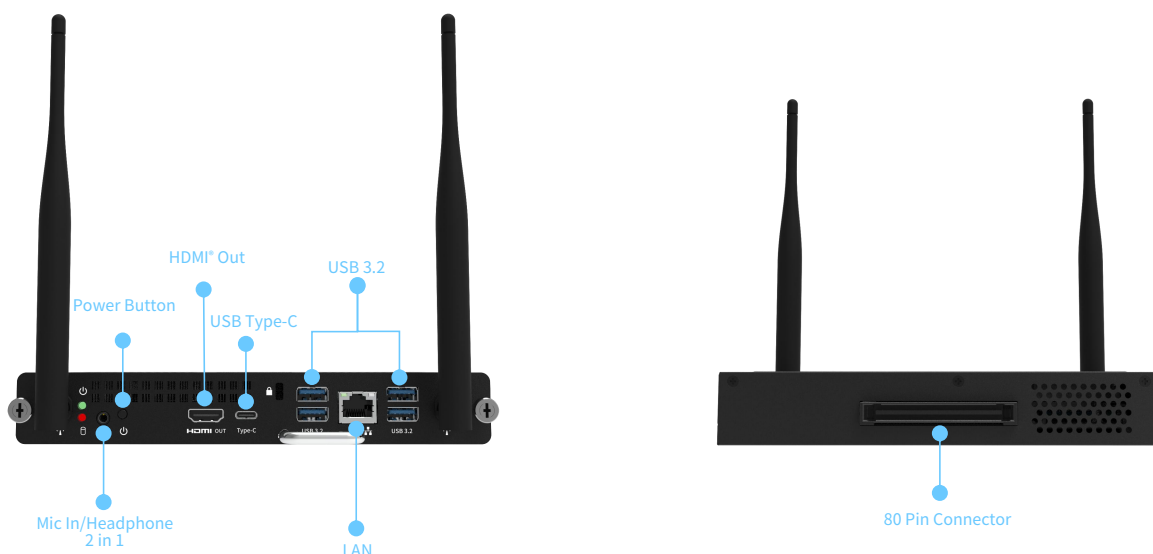# OPS24 Specification

Overview

Decenta OPS24 is a standard OPS product, which is built with Intel® Lunar Lake platform. It is an unmatched AI OPS with high performance and low power. It is widely used in education, Interactive conference whiteboard, digital signage and other scenarios.

- Support Intel® Core™ Ultra Processor
- Support LPDDR5X 8533 MoP, Dual channel, Max.32GB
- Excellent AI Performance with NPU 48TOPS and GPU 67TOPS
- Support Wi-Fi 7 and Bluetooth 5.4
- Support M.2 M-Key 2242/2280 SSD, Support PCIe 5.0 X4 mode
- Support 4K@60Hz HDMI® Out, including CEC function
- Rich interfaces with 4x USB 3.2 Gen 1, 1x USB Type-C(DP Alt & USB 3.2 Gen1 Date)
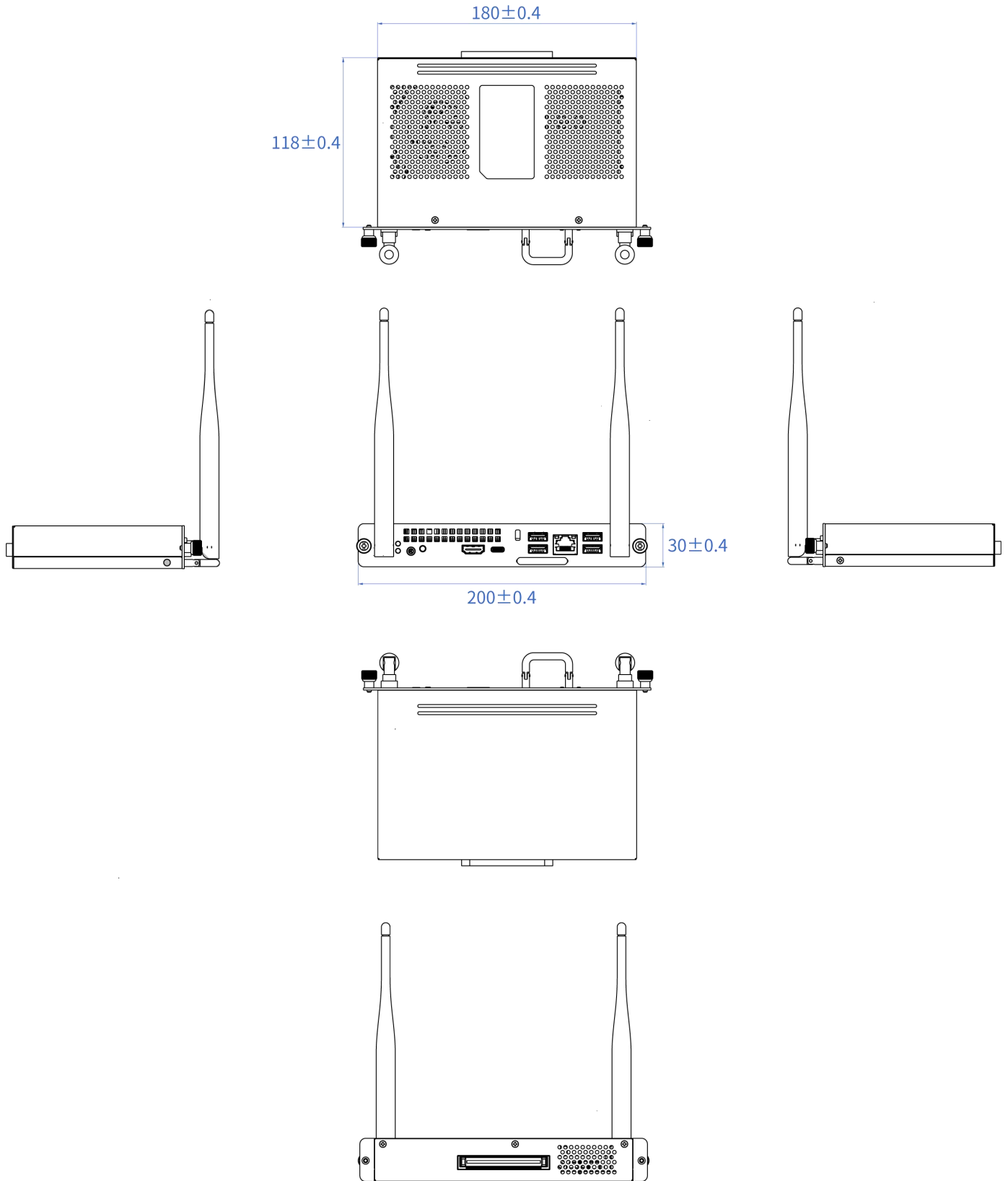- Support TPM encryption technology

I/O Overview

Specifications

Model			S24-LNL-OPS24
Processor			Intel® Core™ Ultra Processor, TDP 17W
AI Performance	GPU		Up to 67 TOPs
	NPU		Up to 48 TOPs
Memory	Type		LPDDR5X 8533 MoP, Dual channel
	Capacity		Max.32GB
Graphic	iGPU		Intel® Arc™ Graphics *
	Connector		HDMI®
Network	Ethernet	Controller	Intel® i219V, Colay with Realtek RTL8111H & Intel® i219LM
		Connector	1GbE RJ45
	Wi-Fi		1x M.2 E-Key 2230 Slot for Wi-Fi 7 & BT 5.4, Support PCIe + USB 2.0 & CNVi Signal
Audio	Controller		Realtek ALC897
Storage	SSD		1x M.2 M-Key 2242/2280 Slot, Support PCIe 5.0 X4 Mode
I/O	Front	LAN	1x RJ45
		USB 3.2	4x USB 3.2 Gen 1
		USB Type-C	1, Support DP Alt Mode & USB 3.2 Gen 1
		HDMI® Out	1, With resolution of 4K@60Hz, Support CEC
		Mic In/Headphone 2 in 1	1x 3.5mm Audio Jack
		LED	2 (Power_LED_Red; Power on: Solid Red, S4/S5: Off HDD_LED_Green; Not transmitting data: Off, Transmitting data: Blinking Green)
		Power Button	1
		Recovery button	1, Reserved
		Antenna	2
		Kensington® Keyhole	1
	Rear	80Pin Connector	1 (With HDMI® Out of 4K@60Hz, DP of 5K@60Hz)
		DC Jack	1, Reserved
	Internal	Fan Header	1x 5Pin header
Cooling system			Active Cooling System
Environment	Temperature	Operating	0℃-45℃
		Non-operating	-20℃-70℃
	Humidity	Operating	10%~90% RH non-condensing
		Non-operating	5%~95% RH non-condensing
Feature	dTPM		V2.0
Noise Value			Below 34dB@1m
Power			DC 12-19V
OS			Win 11
Bios			Insyde
Dimensions (Length x Width x Height)			118mm x 180mm x 30mm
Remark			* Intel® Arc™ graphics only available on select Intel® Core™ Ultra processor-powered systems. Other system configurations feature Intel® Graphic.

Dimensions (Unit: mm)

180±0.4

118±0.4

30±0.4

200±0.4