

# OPS22 Specification



## Overview

Decenta OPS22 is a standard OPS product, which is built with Intel® Tiger Lake-U platform. It is widely used in education, Interactive conference whiteboard, digital signage and other scenarios.

- Support 11th Gen Intel® Core™ Processor
- Support LPDDR4X 4266MHz Memory, Dual channel, 8/16GB
- Support Wi-Fi 6E and Bluetooth 5.3
- Support M.2 M-Key 2230/2242/2280 SSD, Support PCIe X4 mode
- Support high resolution of HDMI® Out 4K@60Hz
- Support HDMI® In with resolution of 4K@60Hz
- Rich interfaces with 4x USB3.2 Gen1, 1x USB Type-C

## I/O Overview



\*Depend on CPU and Network module.

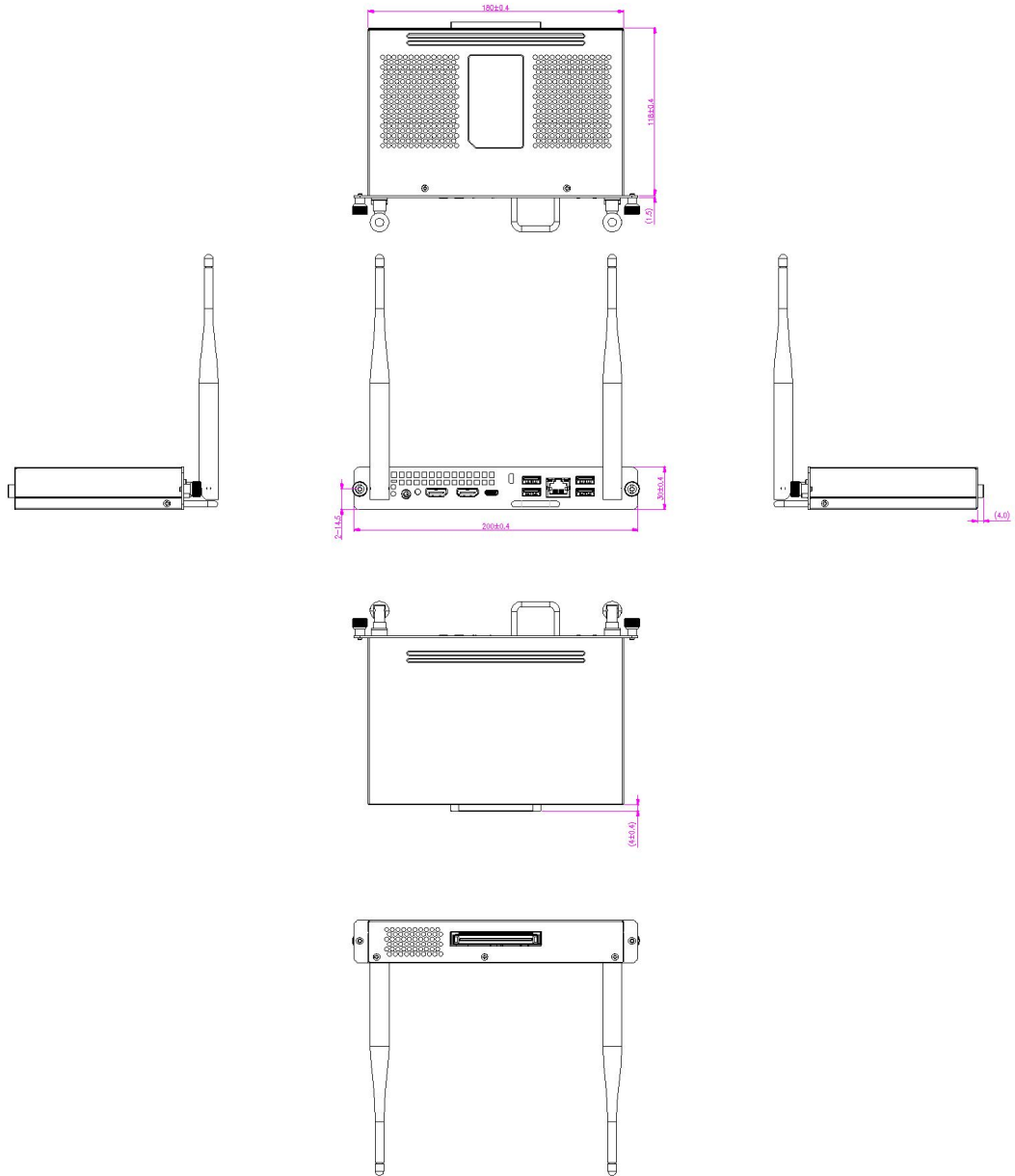
# Specifications

Model		S24-TGLU-OPS22		
SKU		SKU 1	SKU 2	
Processor	CPU	11th Generation Intel® Core™ i7-1160G7 Processor, TPD 15W		
Memory	Type	LPDDR4X 4266MHz memory, Dual channel		
	Capacity	8G	16G	
Graphic	Controller	Intel® Iris® Xe Graphics		
	Connector	HDMI*		
Network	Controller	Realtek 8111H, Co-lay with Intel® i219V		
	Connector	1Gbe RJ45		
	Wi-Fi	1x M.2 E-Key 2230 slot for Wi-Fi 6E + BT 5.3, Support PCIe & CNVi Signal		
Audio	Controller	Realtek ALC897		
Storage	SSD	1x M.2 M-Key 2230/2242/2280 slot, Support PCIe X4 mode		
I/O	Front	LAN	1	
		USB 3.2	4, USB 3.2 Gen1	
		USB Type-C	1, Data only	
		HDMI* In	1, With resolution of 4K@60Hz	
		HDMI* Out	1, With resolution of 4K@60Hz	
		Mic In	2 in 1	
		Headphone		
		LED	2 (Power_LED_Red Power on: Solid Red, S3: Blinking Red, S4/S5: Off HDD_LED_Green Not transmitting data: Off, Transmitting data: Blinking Green)	
		Power Button	1	
		Reset Button	1, Reserved	
	Antenna	2		
	Kensington Keyhole	1		
	Internal	80Pin Connector	1, With HDMI Out of resolution of 4K@60Hz/With DP of resolution of 4K@60Hz	
MXM Slot		1		
RTC		1		
Cooling system		Active		
Feature	TPM	V2.0, Reserved		
Environment	Temperature	Operating	0°C-45°C	
		Non-operating	-20°C-70°C	
	Humidity	Operating	10%~90% non-condensing	
		Non-operating	5%~95% non-condensing	
Noise Value		Below 34db		
Power		DC 12-19V		
OS		Win 10/Win 11		
Dimensions		119mm x 180mm x 30mm		
Remark				

# Specifications

Model		B24-OPS22-PIB01	
Graphic	Controller	Intel® Iris® Xe Graphics	
	Connector	HDMI*	
Network	Controller	Realtek 8111H, Co-lay with Intel® i219V	
	Connector	1Gbe RJ45	
	Wi-Fi	1x M.2 E-Key 2230 slot for Wi-Fi 6E + BT 5.3, Support PCIe + USB & CNVi Signal	
Audio	Controller	Realtek ALC897	
Storage	SSD	1x M.2 M-Key 2230/2242/2280 slot, Support PCIe X4 mode	
I/O	Front	LAN	1
		USB 3.2	4, USB 3.2 Gen1
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		HDMI* In	1, With resolution of 4K@60Hz
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		Mic In	2 in 1
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		Power Button	1
		Reset Button	1, Reserved
		Antenna	2
		Kensington Keyhole	1
	Internal	80Pin Connector	1, With HDMI Out of resolution of 4K@60Hz/With DP of resolution of 4K@60Hz
		MXM Slot	1

## Dimensions (Unit: mm)



\*Specifications and information contained in this document are furnished for informational use only, and are subject to change at any time without notice, and should not be construed as a commitment by Decenta.