

# OPSC33 Specification



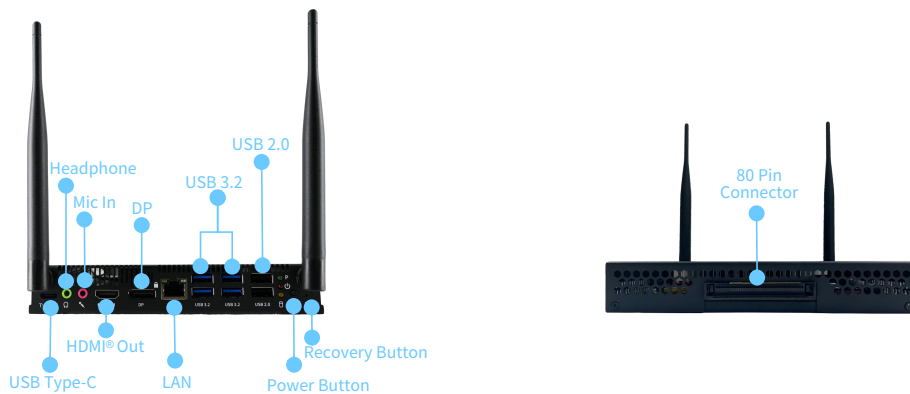
## Overview

Decenta OPSC33 is a standard OPS-C product, which is built on Intel® Arrow/Meteor Lake-U/H platform. It has strong AI computing capabilities, fulfilling the demand for higher performance and computational power required in applications for education, conferences, and other scenarios.

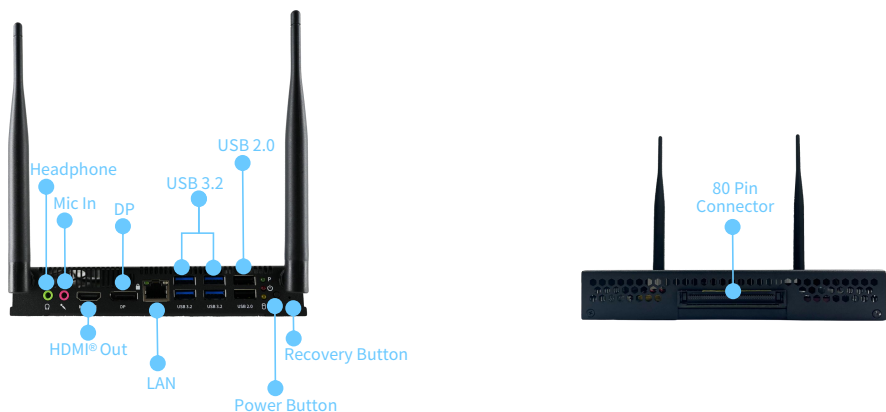
- Support Intel® Core™ Ultra Processor
- Support 2x DDR5 6400MT/s SO-DIMM memory, Dual channel, Max.96GB
- Excellent AI performance with NPU 13 TOPS and GPU 77 TOPS
- Support Wi-Fi 7 and Bluetooth 5.4
- Support M.2 M-Key 2242/2280 SSD, support PCIe 4.0 X4 & SATA mode
- Support 5K@60Hz DP and 4K@60Hz HDMI® Out
- Rich interfaces with 4x USB 3.2 Gen 1, 2x USB 2.0, 1x USB Type-C
- Support TPM 2.0 encryption technology

## I/O Overview

### ■ SKU1/SKU3



### ■ SKU2/SKU4



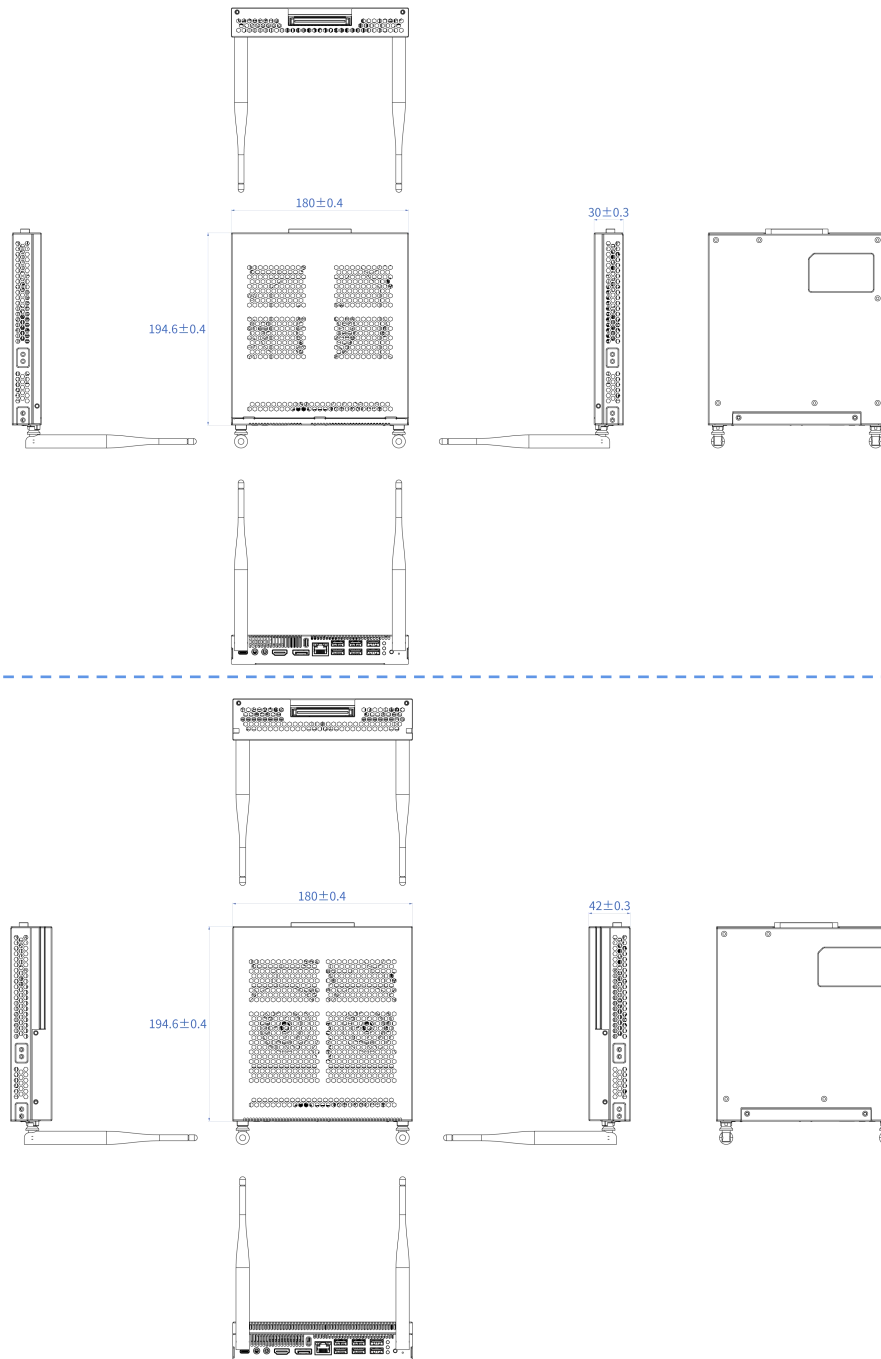
# Specifications

Model		S24-ARLH-OPSC33				
SKU		SKU1(Default)	SKU2	SKU3(Default)	SKU4	
Processor		Intel® Core™ Ultra Processor, TDP 28W, TDP Down. 22W		Intel® Core™ Ultra Processor, TDP 28W, TDP Up. 65W		
AI Performance	CPU	Up to 9 TOPS				
	GPU	Up to 77 TOPS				
	NPU	Up to 13 TOPS				
Memory	Type	2x DDR5 6400MT/s SO-DIMM memory, Dual channel				
	Capacity	Max. 96GB				
Graphic	iGPU	Intel® Arc™ Graphics				
	Connector	HDMI®/DP				
Network	Ethernet	Controller	Realtek 8111H, colay with Intel® i219			
		Connector	1GbE RJ45			
	Wi-Fi	1x M.2 E-Key 2230 Slot for Wi-Fi 7 + BT 5.4, support PCIe 4.0 & CNVi signal				
Audio	Controller	Realtek ALC897				
Storage	SSD	M.2_1: 1x M.2 M-Key 2242/2280 Slot, support PCIe 4.0 X4 & SATA mode M.2_2: 1x M.2 M-Key 2242/2280 Slot, support PCIe 4.0 X4 mode, reserved				
I/O	Front	LAN	1x RJ45			
		USB 3.2	4x USB 3.2 Gen 1			
		USB 2.0	2			
		USB Type-C	1	/	1	/
		HDMI® Out	1, with resolution of 4K@60Hz 1, with resolution of 4K@60Hz, colay with DP, reserved			
		DP	1, with resolution of 5K@60Hz, colay with HDMI® Out			
		Headphone	1x 3.5mm Audio Jack			
		Mic In	1x 3.5mm Audio Jack			
		LED	3 (P_LED_Green; Power on: Solid Green, Power off: Off Power_LED_Red; Power on: Solid Red, S3: Blinking Red, S4/S5: Off HDD_LED_Yellow; Not transmitting data: Off, Transmitting data: Blinking Yellow )			
		Power Button	1			
		Recovery Button	1			
		Kensington® Keyhole	1			
		Antenna	2			
	Rear	80Pin Connector	1 (HDMI® Out 4K@60Hz, 1x USB 3.2 Gen 1, 3x USB 2.0 DP 5K@60Hz, reserved*)			
		DC Jack	1, reserved			
Internal	Fan Header	1x 4Pin header		2x 4Pin headers		
Cooling System		Active cooling system				
Environment	Temperature	Operating	0°C-45°C			
		Non-operating	-20°C-70°C			
	Humidity	Operating	10%~90% RH non-condensing			
		Non-operating	5%~95% RH non-condensing			
Feature	dTPM	V2.0, reserved				
Noise Value		Below 38dB@1m				

# Specifications

Model	S24-ARLH-OPSC33	
Power	DC 12-19V	
OS	Win 10/Win 11	
Bios	Insyde	
Dimensions (Length x Width x Height)	195mm x 180mm x 30/42**mm	195mm x 180mm x 42**mm
Remark	* When 80Pin DP is exist, there are 3x USB 3.2 Gen 1 and 3x USB 2.0 ports on front I/O. ** 42mm height with handle on chassis.	

## 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.