

# OPSC28-C Specification

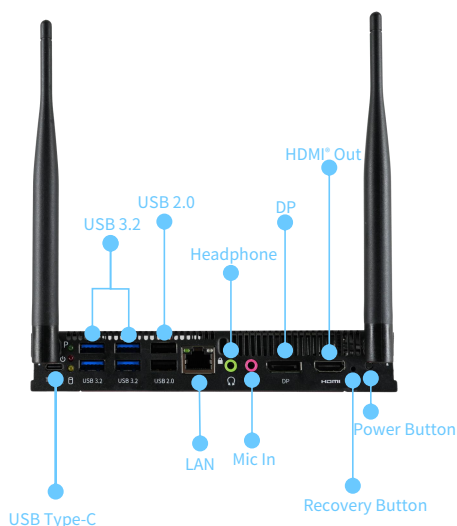


## Overview

Decenta OPSC28-C is a standard OPS-C product, which is built on Intel® Raptor/Alder Lake-P platform. It is widely used in education, Interactive conference whiteboard, digital signage and other scenarios.

- Support 13<sup>th</sup>/12<sup>th</sup> Gen Intel® Core™ i7/i5/i3 Processor
- Support 2x DDR4 3200MT/s SO-DIMM Memory, Dual channel, Max.64GB
- Support Wi-Fi 6E and Bluetooth 5.3
- Support M.2 M-Key 2242/2280 SSD, Support PCIe 3.0 X4 & SATA 3.0 mode
- Support 4K@30Hz HDMI® Out and 4K@60Hz DP
- Rich interfaces with 4x USB 3.2 Gen 1, 2x USB 2.0, 1x USB Type-C(USB 3.2 Gen 1)
- Support TPM 2.0 encryption technology

## I/O Overview



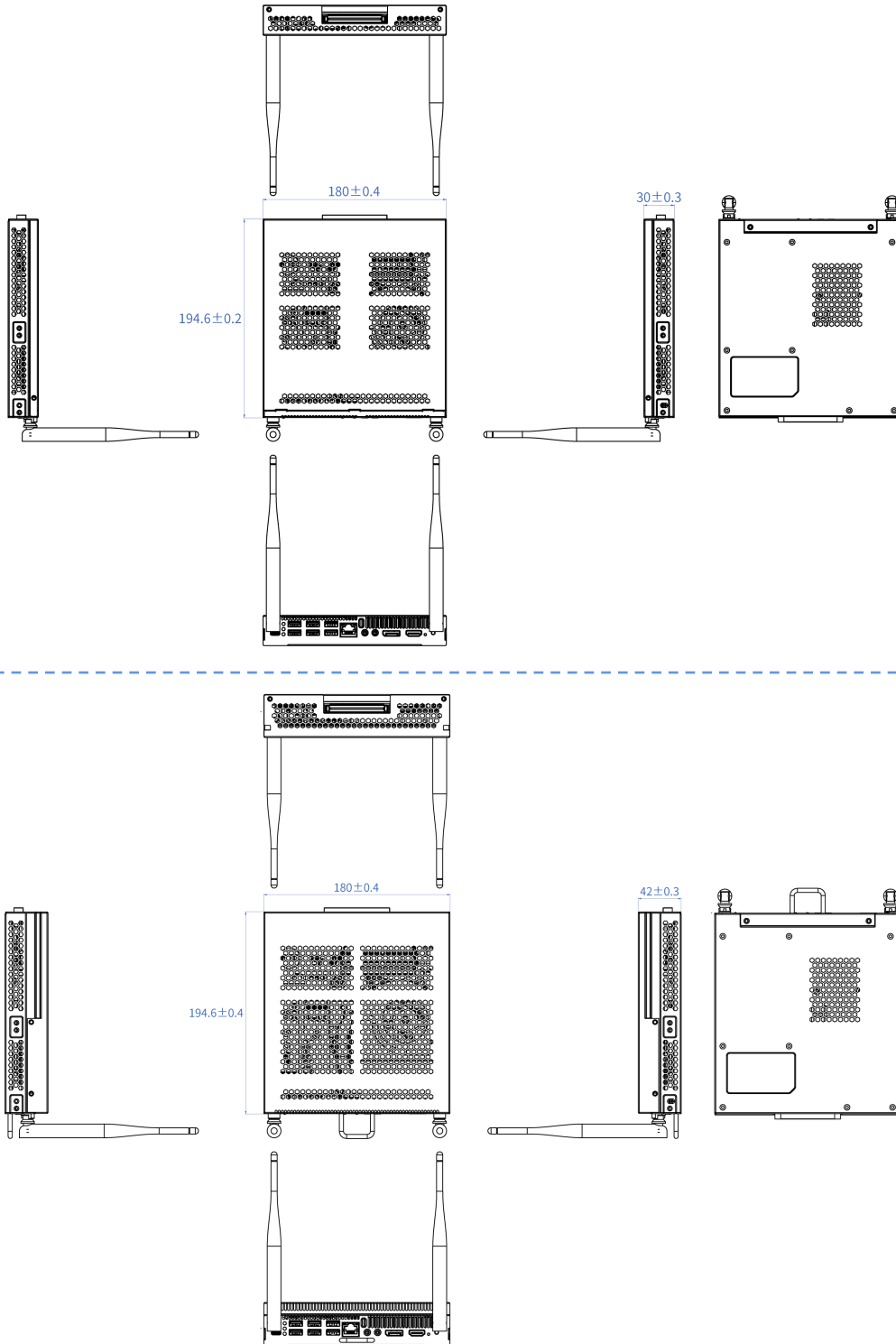
# Specifications

Model		S24-RPLP-OPSC28-C		
Processor		Support 13 <sup>th</sup> /12 <sup>th</sup> Gen Intel® Core™ i7/i5/i3 Processor, TDP 45W, TDP Down.20W		
Memory	Type	2x DDR4 3200MT/s SO-DIMM Memory, Dual channel		
	Capacity	Max.64GB		
Graphic	Controller	Intel® Iris® Xe graphic		
	Connector	HDMI®/DP		
Network	Ethernet	Controller	Realtek 8111H, Colay with Intel® i219	
		Connector	1GbE RJ45	
	Wi-Fi	1x M.2 2230 E-Key slot for Wi-Fi 6E + BT 5.3, Support PCIe 3.0 & CNVi Signal		
Audio	Controller	Realtek ALC897		
Storage	SSD	1x M.2 M-Key 2280/2242 slot, Support PCIe 3.0 X4 & SATA 3.0 mode		
	SATA	1x 2.5" SATA, Reserved *		
I/O	Front	LAN	1x RJ45	
		USB 3.2	4x USB 3.2 Gen 1	
		USB 2.0	2	
		USB Type-C	1, Support USB 3.2 Gen 1	
		HDMI® Out	1, With resolution of 4K@30Hz	
		DP	1, With resolution of 4K@60Hz	
		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		
	Antenna	2		
	Kensington® Keyhole	1		
	Rear	80Pin Connector	1, With HDMI® Out of resolution of 4K@60Hz	
		DC Jack	1, Reserved	
	Internal	Fan Header	1x 4Pin CPU Fan Header	
Cooling system		Active Cooling System		
Feature	dTPM	V2.0, Reserved		
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	
Noise Value		Below 38dB@1m		
Power		DC 12V-19V		
OS		Win 10/Win 11		
Bios		Insyde		
Dimensions (Length x Width x Height)		195mm x 180mm x 30/42**mm		
Remark		* When SATA is exist, M.2 SSD only supports PCIe 3.0 X1; When SATA is not exist, M.2 SSD supports PCIe 3.0 X4. ** 42mm height with handle on Chassis		

# Optional Accessories

Module	Model Name	Wi-Fi Ver.	Bluetooth Ver.	Host Interface
Wi-Fi Module	Intel® AX101	Wi-Fi 6	BT 5.2	CNVio2
	Intel® AX201	Wi-Fi 6	BT 5.2	CNVio2
	Intel® AX210	Wi-Fi 6E	BT 5.3	PCIe, USB
	Intel® AX211	Wi-Fi 6E	BT 5.3	CNVio2

## 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.