

OPSC29 Specification



Overview

Decenta OPSC29 is a standard OPSC product built with domestic Hygon processor. It supports various independent graphic cards, bringing better high-definition visual experience. It is widely used in education, conference IWB, digital signage and other scenarios.

- Support Hygon 3350/3330 processors
- 2x DDR4 3200MT/s SO-DIMM, Dual channel, Max.64GB
- Support Wi-Fi 5 and Bluetooth 5.0
- Support M.2 M-Key 2280 SSD, with PCIe 4.0 X4 & SATA mode
- Support various independent graphic cards
- Support high resolution of HDMI® out & DP, up to 4K@30Hz*
- Rich interfaces with 4x USB 3.2 Gen 1, 2x USB 2.0, 1x USB Type-C

I/O Overview



*HDMI® from front I/O support 4K@30Hz, HDMI® from 80pin support 4K@60Hz.

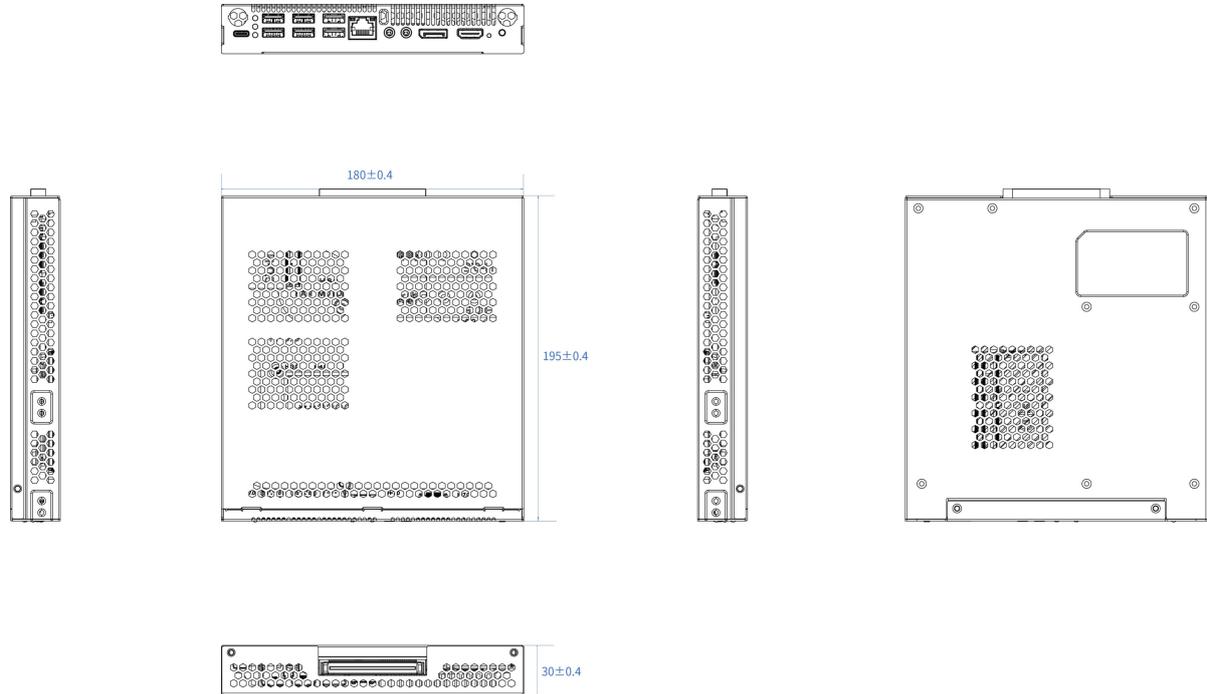
Specifications

Model		S23-HY3000-OPSC29	
SKU		SKU 1	SKU 2
CPU		Hygon 3350 processor, 8Cores, 3.0GHz, TDP 70W	Hygon 3330 processor, 4Cores, 3.0GHz, TDP 45W
Memory	Type	2x DDR4 SO-DIMM, Up to 3200MT/s, Dual channel	
	Capacity	Max. 64GB	
Graphic	Connector	1x MXM Slot with PCIe Gen4 X16 signal, Type-A	
Network	Ethernet	Controller	Realtek 8111H
		Connector	1GbE RJ45
	Wi-Fi	1x M.2 E-Key 2230 Slot for Wi-Fi 5 + BT 5.0, Support PCIe 4.0 mode	
Audio	Controller	HS-100B	
Storage	SSD	2x M.2 M-Key 2280 Slots, Support PCIe 4.0 X4 & SATA mode	
I/O	Front	LAN	1
		USB 3.2 Gen 1	4
		USB 2.0	2
		USB Type-C	1
		HDMI® Out	1, with HDMI® Out of resolution of 4K@30Hz
		DP	1, with DP of resolution of 4K@30Hz
		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	CPU Fan Header	2x 4Pin Headers	
Cooling System		Active Cooling System	
Environment	Temperature	Operating	0°C-45°C
		Storage	-20°C-70°C
	Humidity	Operating	10%~90% RH non-condensing
		Storage	5%~95% RH non-condensing
Feature	Watchdog	1~255 levels timer interval, Setup by software	
Noise Value		Below 38dB@1m	
Power		DC 12V-19V	
OS		Win 10/Win 11/UOS	
Bios		Insyde BIOS	
Dimensions (Length x Width x Height)		195mm x 180mm x 30/42*mm	
Remark		* 42mm height with handle on Chassis	

Optional Accessories

Module	Model Name	Memory Size	TDP	Display Output
Graphic Cards	AMD Radeon RX 550	4G	35W	A: HDMI® ; B: DP ; C: HDMI®,VGA
	AMD Radeon RX 550	2G	35W	A/B/D: DP ; C: HDMI®

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.