

# OPSC29 Specification

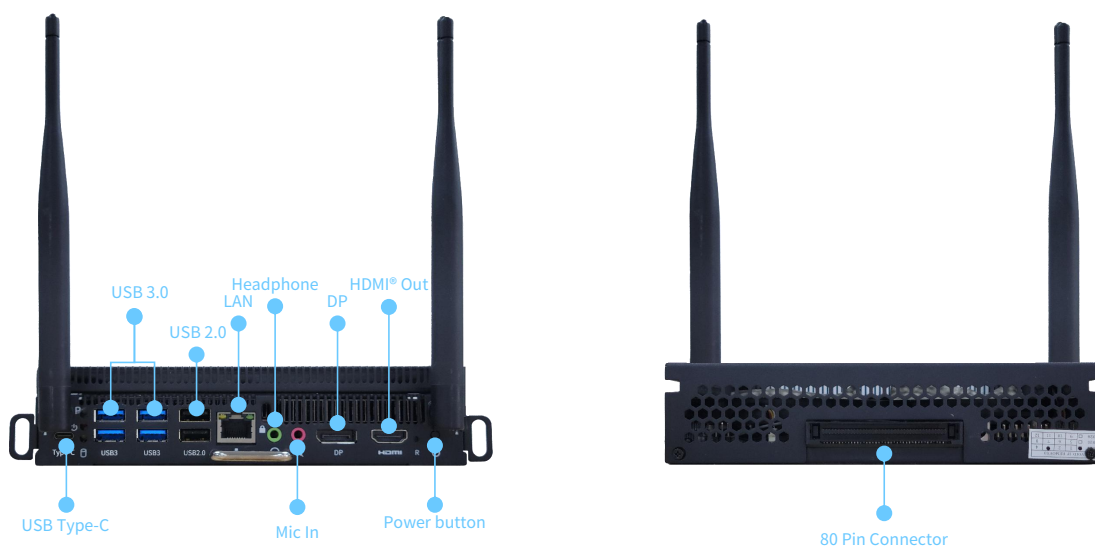


## Overview

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 3200MHz SO-DIMM, Dual channel, Max.16G
- Support Wi-Fi and Bluetooth
- Support M.2 SSD, with SATA/PCIe mode
- Support various independent graphic cards
- Support high resolution of HDMI® out & DP, up to 4K@60Hz\*
- Rich interfaces with 4x USB3.0, 2x USB2.0, 1x USB Type-C

## I/O Overview



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

# Specifications

Model		S23-HG3000-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 3200MHz, Dual channel		
	Capacity	Max. 16G		
Graphic	Connector	1x MXM Slot with PCIe Gen4 X16 Signal, Type-A		
Network	Ethernet	Controller	RTL8111H	
		Connector	RJ45	
	Wi-Fi	1x M.2 E-Key 2230 Slot for WiFi & BT, Support PCIe & USB mode		
Audio	Controller	HS-100B		
Storage	M.2	2x M.2 M-Key 2280 Slot, Support PCIe X4 & SATA mode		
I/O	Front	LAN	1	
		USB 3.0	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@60Hz	
		Headphone	1	
		Mic In	1	
		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	
		Reset 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		
Environment	Temperature	Operating	0°C-45°C	
		Storage	-20°C-70°C	
	Humidity	Operating	10%~90% non-condensing	
		Storage	5%~95% non-condensing	
Feature	Watchdog	1~255 levels timer interval, Setup by software		
Noise Value		38db@1m		
Power		DC 19V		
OS		Win 10/Win 11/UOS		
Bios		Insyde BIOS		
Dimensions		195mm x 180mm x 30/42*mm		
Remark		* 42mm height with handle on Chassis		

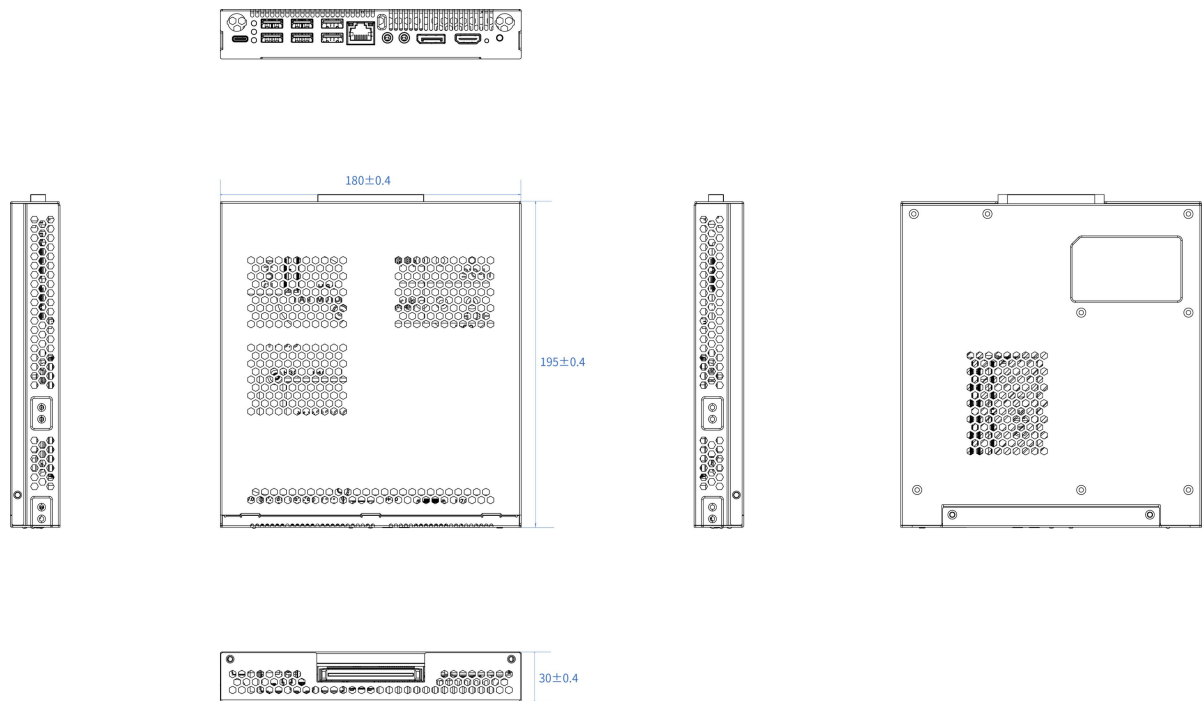
# Optional Accessories

Module	Model Name	Memory Size	TDP	Display Output	Remark
Graphic Cards	RX550	4G	35W	A: HDMI®; B: DP; C: HDMI®	N/A
	JM9100	2G	15W	A: HDMI®; C: HDMI®	Not support Win system

Module	Model Name	Wi-Fi Ver.	Bluetooth Ver.	Host Interface
WIFI Module	AW-CB375NF	Wi-Fi 5	BT 5.0	PCIe, USB

## 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.