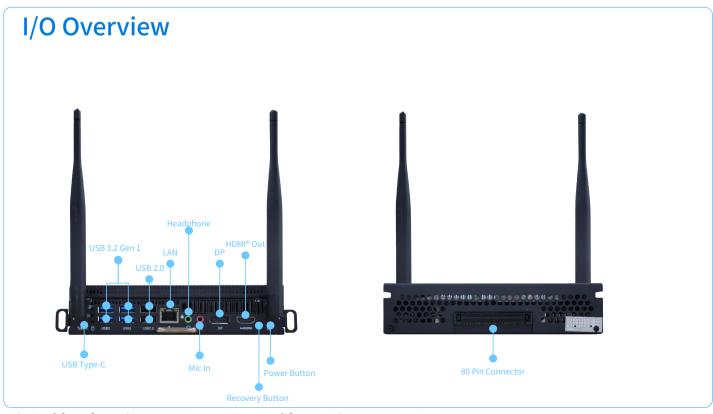
OPSC29 Specification



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



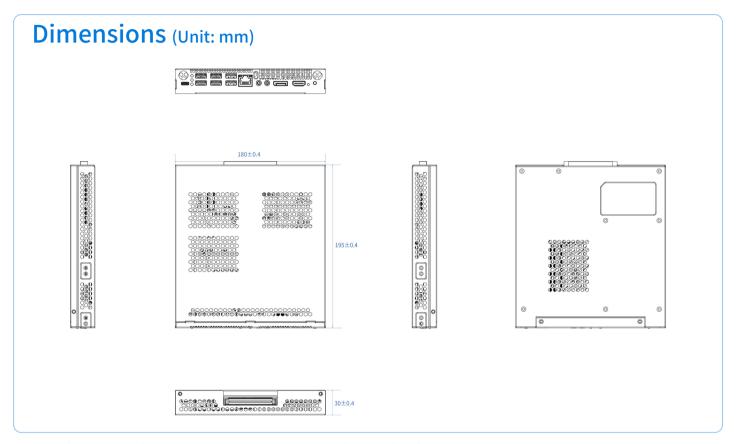
*HDMI® from front I/O support 4K@30Hz, HDMI® from 80pin support 4K@60Hz.

Specifications

Network Ethernet Controller Realtek 8111H Audio Connector 1 GBE RJ45 Storage SSD 2x M.2 M-Key 2230 Slot for Wi-Fi 5 + BT 5.0, Support PCle 4.0 Mee I/O Front LAN 1 USB 3.2 Gen 1 4 USB 3.0 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 Power Button 1 Recovery button 1 Recovery button 1 Recovery button 1 Antenna 2 Kensingdon® 1 kensingdon® 1 kensingdon 1, with HDMI® Out of resolution of 4K@60Hz To C Jack 1, Reserved Internal CPU Fan Header 2x 4Pin Headers Cooling System Operating 0°C-45°C To C Jack 1, With HDMI® Out of resolution of AL@60Hz	• Model			S23-HY3000-OPSC29		
Type		SKU				
Capacity				Hygon 3350 processor, 8Cores, 3.0GHz,	Hygon 3330 processor, 4Cores, 3.0GHz,	
Capacity		Туре				
Network	Memory			Max. 64GB		
Network Steme Connector 16bE R.145	Graphic			1x MXM Slot with PCIe Gen4 X16 signal, Type-A		
Network Wi-Fi 1x M.2 E-Key 2230 Slot for Wi-Fi 5 + BT 5.0, Support PCIe 4.0 mode	Network	Controller		Realtek 8111H		
Name		Ethernet	Connector	1GbE RJ45		
SSD 2x M.2 M-Key 2280 Slots, Support PCle 4.0 X4 & SATA mode		Wi-Fi		1x M.2 E-Key 2230 Slot for Wi-Fi 5 + BT 5.0, Support PCle 4.0 mode		
IAN	Audio					
IAN	Storage			2x M.2 M-Key 2280 Slots, Support PCIe 4.0 X4 & SATA mode		
USB 2.0 2			LAN			
VIO Front USB Type-C 1 1 1 1 1 1 1 1 1			USB 3.2 Gen 1	4		
Front HDMI® Out			USB 2.0	2		
Front				1		
Front Headphone 1x 3.5mm Audio Jack				1, with HDMI® Out of r	esolution of 4K@30Hz	
Front Mic In			DP			
Cooling System Cool			Headphone	1x 3.5mm Audio Jack		
LED (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	I/O	Front	Mic In	1x 3.5mm /	1x 3.5mm Audio Jack	
Recovery button 1 Antenna 2 Kensingdon® 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 Operating 0°C-45°C Storage -20°C-70°C Humidity Operating 10%~90% RH non-condensing			LED	(P_LED_Green; Power on: Solid Green, Power off: Off Power_LED_Red; Power on: Solid Red, S3: Blinking Red, S4/S5: Off		
Antenna 2 Kensingdon® 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 Operating 0°C-45°C Storage -20°C-70°C Operating 10%~90% RH non-condensing			Power Button	1		
Kensingdon® keyhole 1			Recovery button	1		
keyhole 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 Operating 0°C-45°C Storage -20°C-70°C Uperating 10%~90% RH non-condensing			Antenna	2		
Rear DC Jack 1, Reserved			_	1		
DC Jack		Rear	80Pin Connector	1, with HDMI® Out of resolution of 4K@60Hz		
Cooling System Temperature Operating 0°C-45°C Storage -20°C-70°C Humidity Operating 10%~90% RH non-condensing			DC Jack	1, Reserved		
Vironment Operating 0°C-45°C Storage -20°C-70°C Humidity Operating 10%~90% RH non-condensing		Internal	CPU Fan Header	2x 4Pin Headers		
Temperature Storage -20°C-70°C Operating 10%~90% RH non-condensing	Cooling System		em	Active Cooling System		
vironment Storage -20°C-70°C Operating 10%~90% RH non-condensing	Environment ·	Temperature	Operating	0°C-45°C		
Operating 10%~90% RH non-condensing			Storage	-20°C-70°C		
numuity		Humidity	Operating	10%~90% RH non-condensing		
Storage 5%~95% RH non-condensing		numunty	Storage	5%~95% RH no	I non-condensing	
Feature Watchdog 1~255 levels timer interval, Setup by software	Feature Watchdog			1~255 levels timer interval, Setup by software		
Noise Value Below 38dB@1m	Noise Value			Below 38dB@1m		
Power DC 12V-19V	Power			DC 12V-19V		
OS Win 10/Win 11/UOS	os			Win 10/Win 11/UOS		
Bios Insyde BIOS	Bios			Insyde BIOS		
Dimensions 195mm x 180mm x 30/42*mm (Length x Width x Height)				195mm x 180mm x 30/42*mm		
Remark * 42mm height with handle on Chassis				* 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
Grapine caras	AMD Radeon RX 550	2G	35W	A/B/D: DP ; C: HDMI®



^{*}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.