

OPSC29 Specification

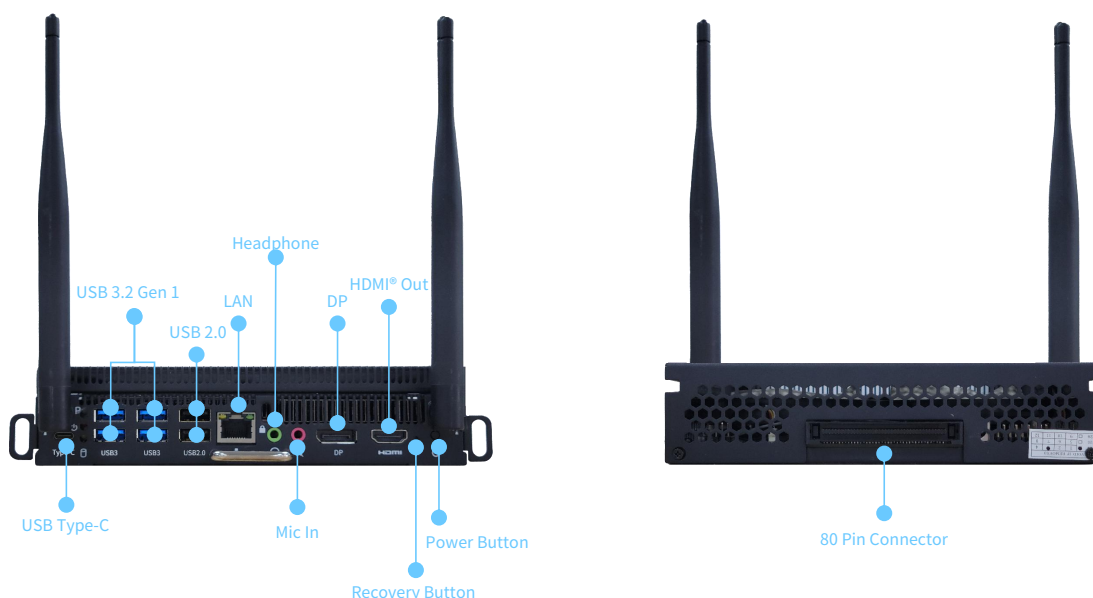


Overview

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.

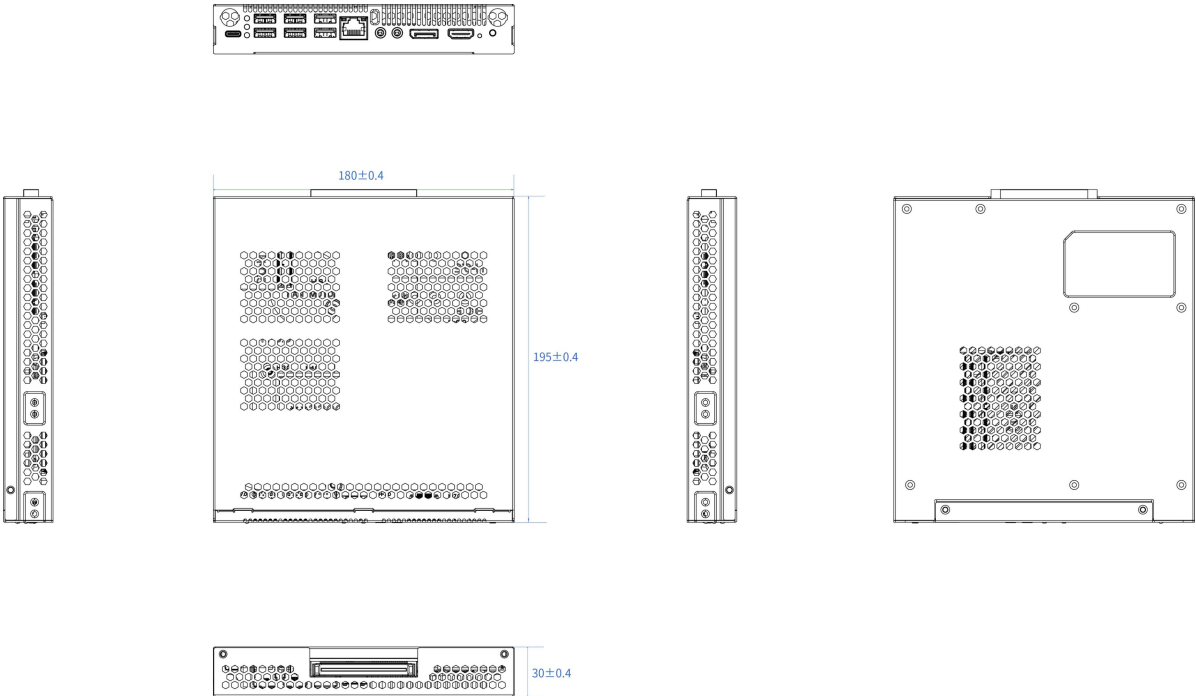
Specifications

| 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.