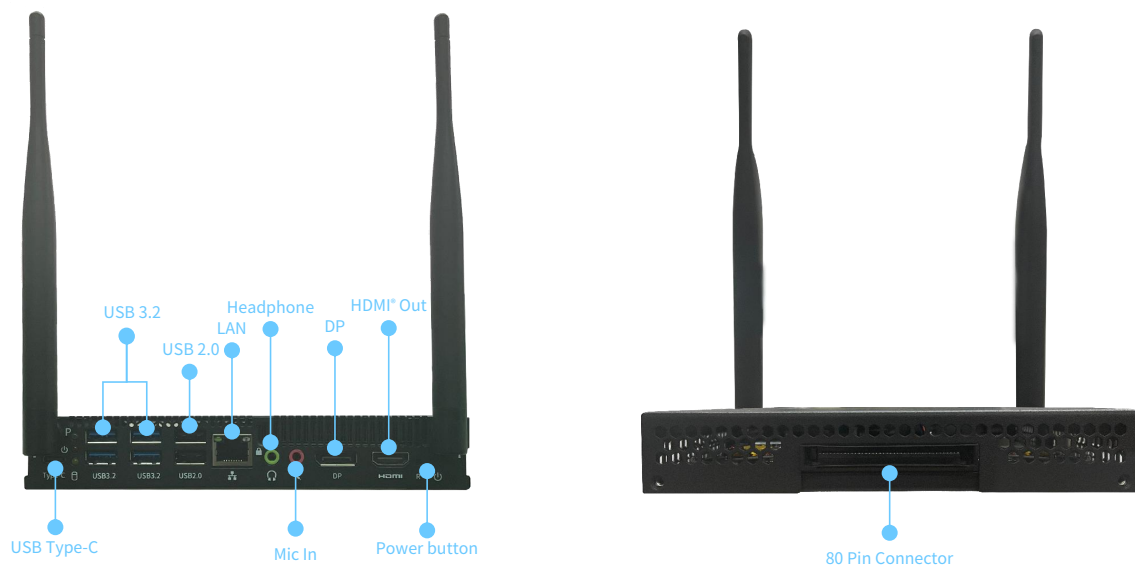# OPSC31 Specification

Overview

Decenta OPSC31 is a standard OPS-C product, which is built with Intel® Tiger Lake-U platform. It is widely used in education, Interactive conference whiteboard, digital signage and other scenarios.

- Support 11th Gen Intel® Core™ Processor
- Support LPDDR4X 4266MHz Memory, Dual channel, 8/16GB
- Support WI-FI 6E and Bluetooth 5.3
- Support M.2 M-Key 2230/2242/2280 SSD, Support PCIe mode
- Support high resolution of HDMI® out 4K@30Hz, DP 4K@60Hz
- Rich interfaces with 4x USB3.2 Gen1, 2x USB2.0, 1x USB Type-C
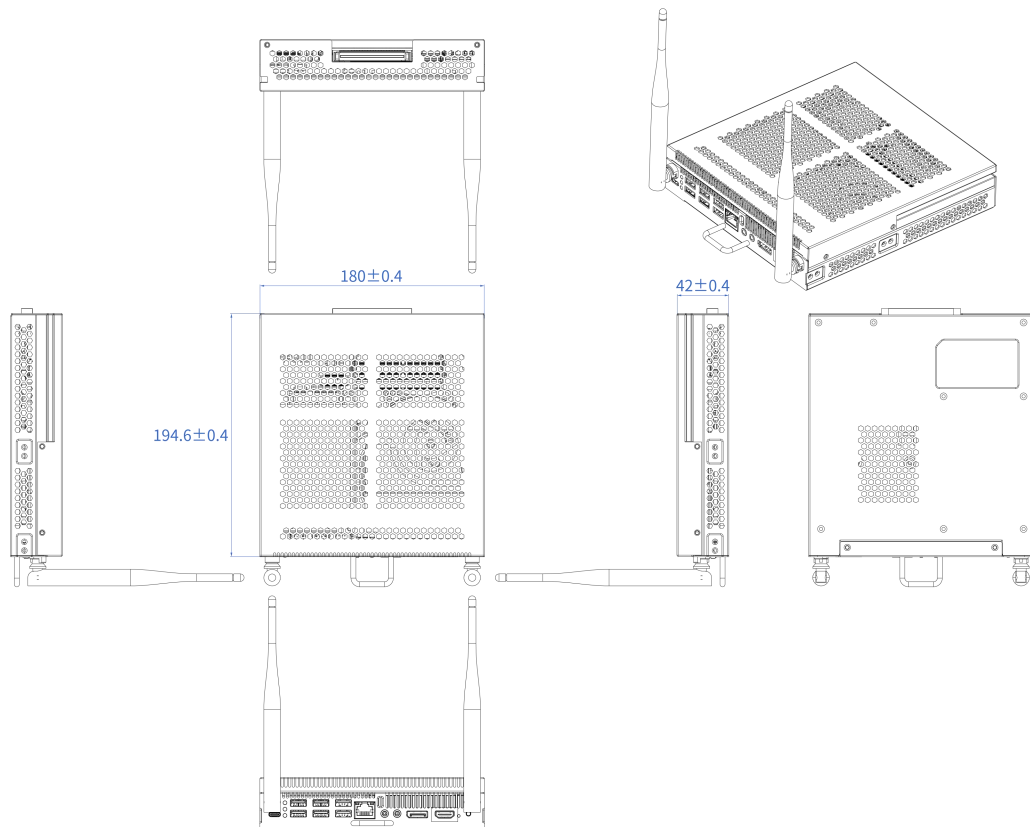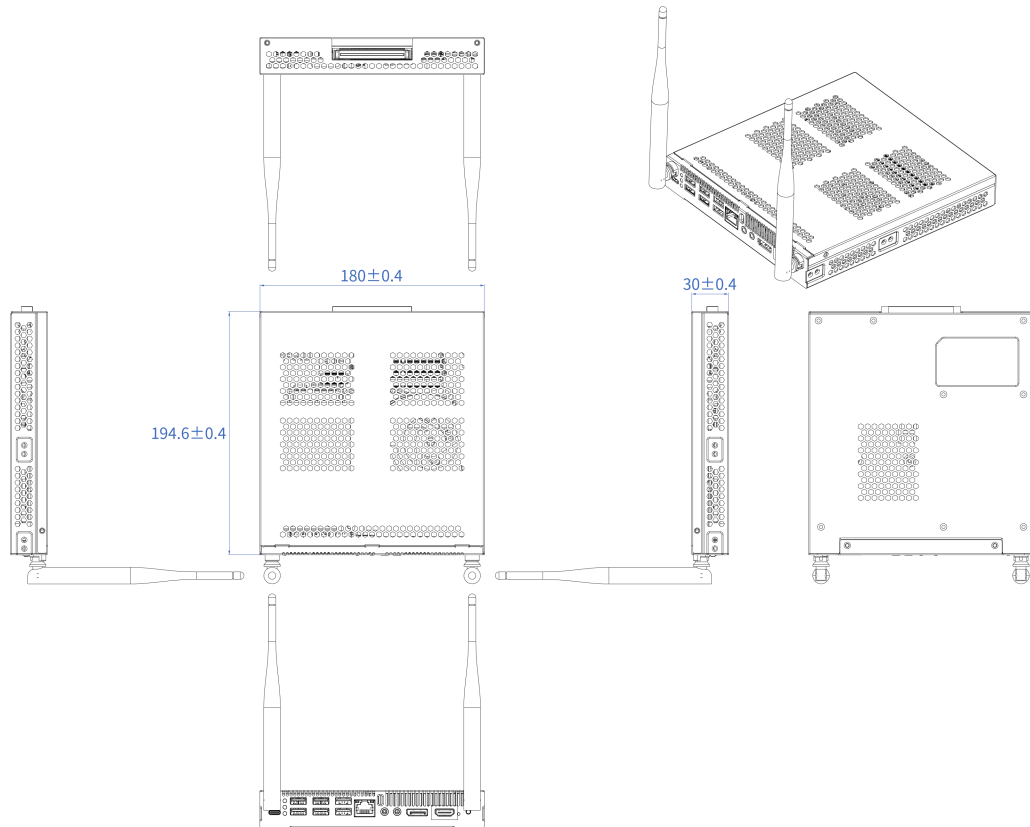- Support TPM encryption technology

I/O Overview

USB 3.2
USB 2.0
Headphone
LAN
DP
HDMI® Out
USB Type-C
Mic In
Power button
80 Pin Connector

Specifications

Model			S24-TGLU-OPSC31			
SKU			SKU1	SKU2	SKU3	SKU4
Processor	CPU		11th Generation Intel® Core™ i5-1130G7 Processor, TPD 15W		11th Generation Intel® Core™ i7-1160G7 Processor, TPD 15W	
Memory	Type		LPDDR4X 4266MHz Memory, Dual channel			
	Capacity		8G	16G	8G	16G
Graphic	Controller		Intel® Iris® Xe graphic			
	Connector		HDMI®/DP			
Network	Ethernet	Controller	Realtek 8111H,Co-lay with Intel® i219			
		Connector	1Gbe RJ45			
	Wi-Fi		1x M.2 2230 E-Key Slot for Wi-Fi 6E + BT 5.3, Support PCIe/CNVi Signal			
Audio	Controller		Realtek ALC897			
Storage	SSD		1x M.2 M-Key 2230/2242/2280 Slot, Support PCIe Gen3 X4 mode			
I/O	Front	LAN	1			
		USB 3.2	4x USB 3.2 Gen1			
		USB 2.0	2			
		USB Type-C	1			
		HDMI® Out	1, with resolution of 4K@30Hz			
		DP	1, with resolution of 4K@60Hz			
		Heaphone	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	Fan Header	1x 4Pin CPU Fan header			
		MXM Slot	1			
		RTC Battery	1			
Environment	Temperature	Operating	0℃-45℃			
		Non-operating	-20℃-70℃			
	Humidity	Operating	10%~90% non-condensing			
		Non-operating	5%~95% non-condensing			
Feature	TPM		V2.0 Support, Reserved			
Noise Value			Below 38dB			
Power			DC 12V-19V			
OS			Win 10 21H2			
Bios			Insyde BIOS			
Dimensions			195mm x 180mm x 42mm /195mm x 180mm x 30mm			

Dimensions (Unit: mm)

180±0.4

194.6±0.4

30±0.4

180±0.4

194.6±0.4

42±0.4

*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.