OPS19 Specification

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

Overview

Decenta OPS19 is a standard OPS product based on Intel® Alder Lake-N platform. It is widely used in education, Interactive conference whiteboard, digital signage and other scenarios.

- Built with Intel® N97 Processor
- 2x LPDDR5 4800MHz , 8G Memory
- Support Wi-Fi 6 and Bluetooth 5.2
- Support M.2 SSD, with SATA & PCIe mode
- Support TF card insertion, Max. 1TB
- Support high resolution of HDMI® out & HDMI® In, up to 4K@60Hz*.
- Rich interfaces with 2x USB3.0, 2x USB2.0, 1x USB Type-C.
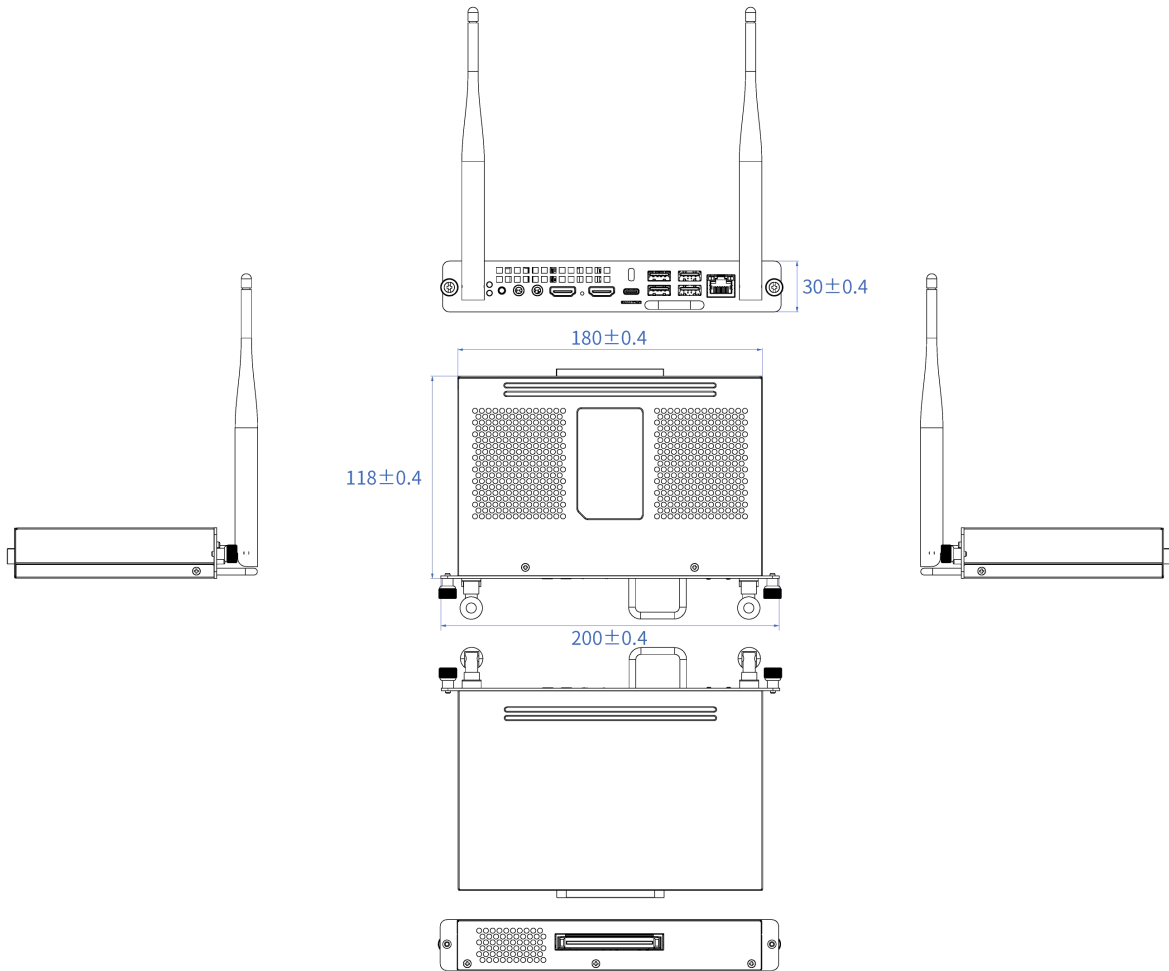
I/O Overview

Power Button
HDMI® Out
USB 3.0
USB 2.0
USB Type-C
HDMI® In
LAN
Mic In
Micro SD
Headphone
80 Pin Connector

*HDMI® In supports 4K@30Hz resolution.

Specifications

Model			S24-ADLS-OPS19
Processor			Intel® Processor N97 6M Cache, up to 3.60 GHz, TDP 12W
Memory	Type		LPDDR5 4800MHz Memory, Single Channel
	Capacity		8G
Graphic	Controller		Intel® UHD Graphics
	Connector		HDMI®
Network	Ethernet	Controller	Realtek 8111H
		Connector	1Gb RJ45
	Wi-Fi		1x M.2 E-Key 2230 Slot for Wi-Fi 6 + BT 5.2, Support CNVi Mode
Audio	Controller		Reatek ALC897
Storage	TF		1x Slot, Max. 1TB
	SSD		1x M.2 M-Key 2280 Slot, Support PCIe X2 & SATA Mode
	eMMC		Default 32G, Reserved
I/O	Front	LAN	1
		USB 3.0	2
		USB 2.0	2
		USB Type-C	1x USB 3.2 Gen1 (Data Only)
		HDMI® Out	1, with resolution of 4K@60Hz, CEC Support
		HDMI® In	1, with resolution of 4K@30Hz
		Headphone	1x 3.5mm Audio Jack
		Mic In	1x 3.5mm Audio Jack
		LED	2 (Power_LED_Red: Power on: Solid Red, S3: Blinking Red,S4/S5: Off HDD_LED_Green: Not transmitting data: Off, Transmitting data: Blinking Green)
		TF	1
		Power Button	1
		Reset Button	1, Reserved
		Antenna	2
		Kensington Keyhole	1
	Rear	80Pin Connector	1(HDMI® out with resolution of 4K@60Hz)
		DC Jack	1, Reserved
Cooling System			Active Cooling System
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
Noise Value			34db@1m
Power			DC 12-19V
OS			Win 11
Bios			Insyde
Dimensions			118mm x 180mm x 30mm
Material			Metal
Remark			

Optional

Module	Model Name	Wi-Fi Ver.	Bluetooth Ver.	Host Interface
WIFI Module	AX 101	Wi-Fi 6	BT 5.2	CNVio2

Dimensions (Unit: mm)

30±0.4

180±0.4

118±0.4

200±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 acommitment by Decenta.