

# OPS20 Specification



## Overview

Decenta OPS20 is a standard OPS product which is built on RK3576 platform. It is widely used in education, Interactive conference whiteboard, digital signage and other scenarios.

- Built on RK3576 platform
- Support LPDDR5 4800MHz Memory, Dual channel, Max 16GB
- Support Wi-Fi 6 and Bluetooth 5.0
- Support HDMI® Out with resolution of 2560x1600@60Hz, including CEC function
- Support HDMI® In with resolution of 4K@60Hz

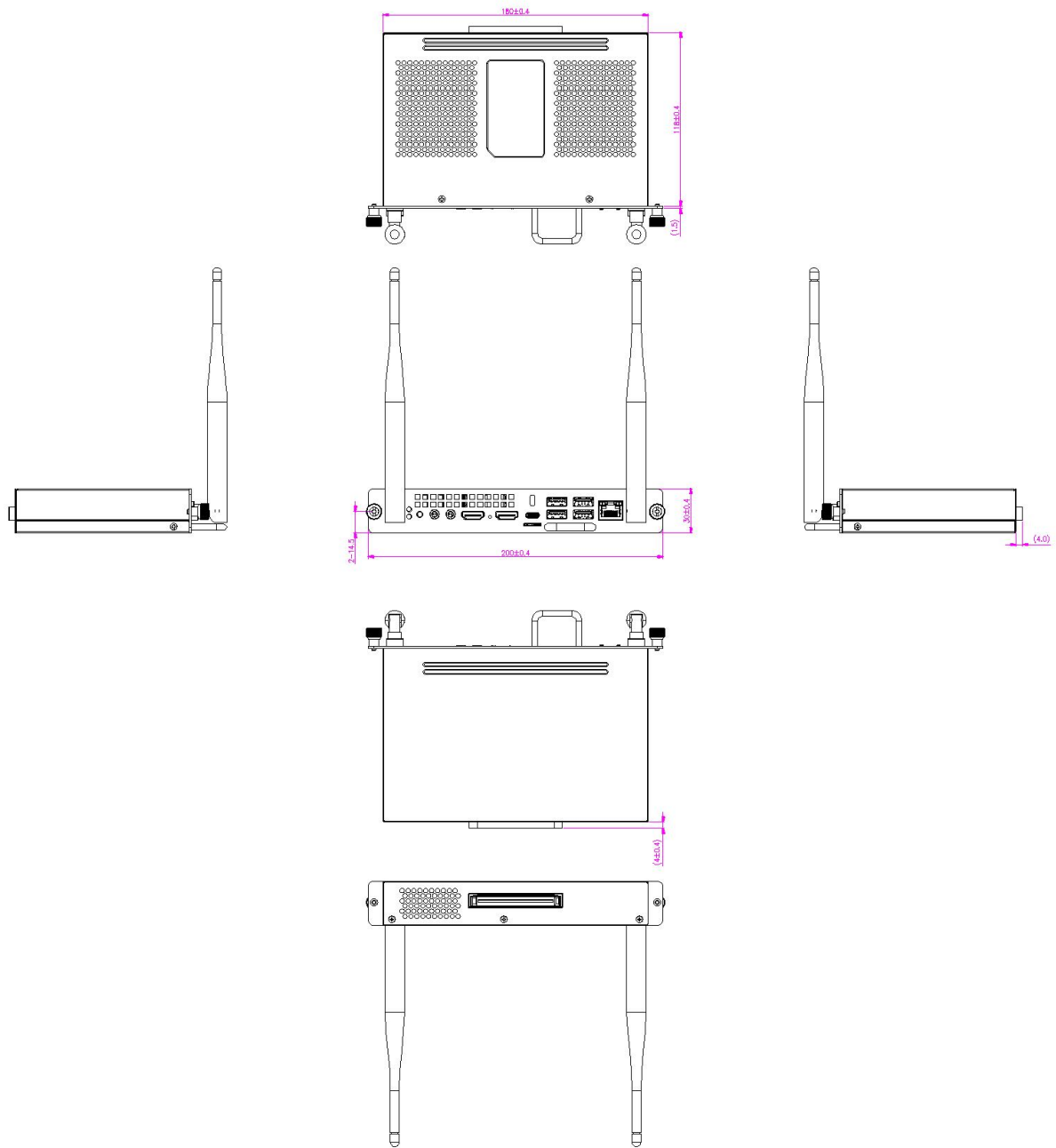
## I/O Overview



# Specifications

| Model          |             | S24-RK3576-OPS20   |   |
|----------------|-------------|--|---|
| Processor      | CPU         | Quad-core ARM Cortex-A72 and quad Cortex-A53<br>- 1MB unified L2 cache for Cortex-A72<br>- 512KB unified L2 cache for Cortex-A53 |   |
|                | Platform    | RK3576   |   |
| Memory         | Type        | On-board LPDDR5 4800MHz Memory,Dual Channel  |   |
|                | Capacity    | Default 8GB(Max. to 16GB, Optional)  |   |
| Graphic        | Controller  | ARM Mali-G52 MC3   |   |
|                | Connector   | HDMI®  |   |
| NPU(TOPS)      |             | 6  |   |
| Network        | Ethernet    | Controller   | RTL8211F  |
|                |             | Connector  | 1Gbe RJ45   |
|                | Wi-Fi       | AP6275P, Onboard Wi-Fi 6.0 + BT 5.0  |   |
| Audio          | Controller  | ES8388   |   |
| Storage        | eMMC        | Max.64GB   |   |
|                | Micro SD    | 1x slot  |   |
| I/O            | Front       | USB 3.2 Gen 1  | 2   |
|                |             | USB 2.0  | 2   |
|                |             | HDMI® Out  | 1, with resolution of 2560x1600@60Hz, CEC Support   |
|                |             | HDMI® In   | 1, with resolution of 4K@60Hz   |
|                |             | LAN  | 1   |
|                |             | Micro SD slot  | 1   |
|                |             | Power Button   | 1   |
|                |             | Reset Button   | 1, Reserved   |
|                |             | LED  | 2<br>(Power_LED_Red Power on: Solid Red, Power off: off;<br>Run_LED_Green System startup: Blinking Green, System Complete: Solid Green,<br>System Off: off) |
|                |             | Antenna  | 2   |
|                |             | Headphone  | 1   |
|                |             | Mic In   | 1   |
|                |             | Kensington Keyhole   | 1   |
|                |             | Rear   | 80Pin Connector   |
|                | DC Jack     |  | 1, Reserved   |
|                | Internal    | CPU Fan Header   | 1x 4Pin Header  |
| Cooling System |             | Fanless  |   |
| Environment    | Temperature | Operating  | 0°C-45°C  |
|                |             | Non-operating  | -20°C-60°C  |
|                | Humidity    | Operating  | 10%~90% RH non-condensing   |
|                |             | Non-operating  | 5%~95% RH non-condensing  |
| Power          |             | DC 12V-19V   |   |
| OS             |             | Android 14   |   |
| Dimensions     |             | 119mm x 180mm x 30mm   |   |

# 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.