

OPS Computer



Introduction

OPS computer adopts Intel OPS (Open Pluggable Specification) standard and is equipped with the Skylake processor. It provides excellent image processing effect while processing tasks in high speed. Due to its features and performance, OPS computer is mainly applied in the electronic whiteboard and digital signage of the education industry, healthcare industry, supermarket, etc.

Main Features

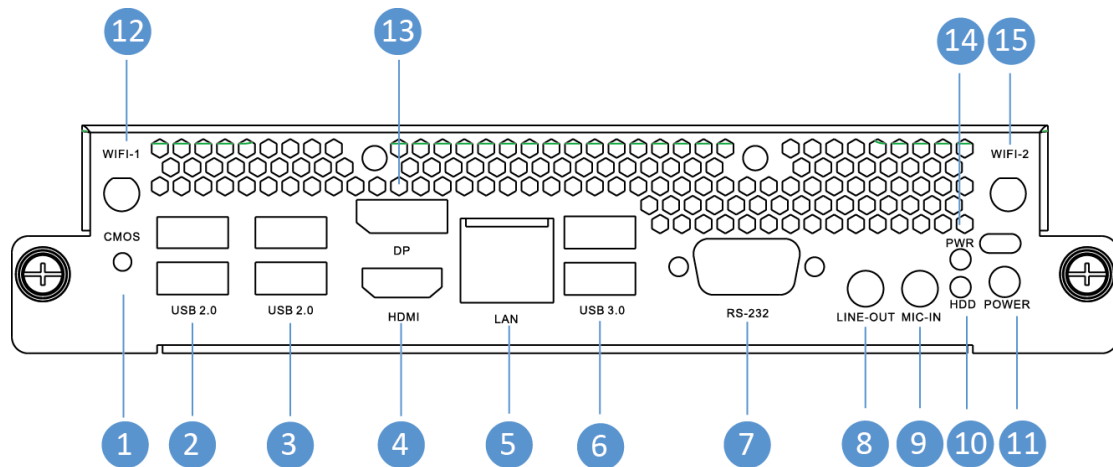
- Sixth-generation Intel[®] Core[™] i5
- Intel Integrated Graphics
- 4K resolution
- One DDR4 SODIMM memory slot for memory up to 16 GB
- Various interfaces provided: four USB 2.0 interfaces, two USB 3.0 interfaces, one HDMI interface, one DP interface, one RS-232 serial port and one gigabit LAN interface
- MSATA interface (quick startup)
- Standard Intel OPS interface
- Dual antenna for Wi-Fi wireless transmission (wireless standard: 802.11b/g/n 2T2R MIMO)

Available Models

DS-D50S5/8S

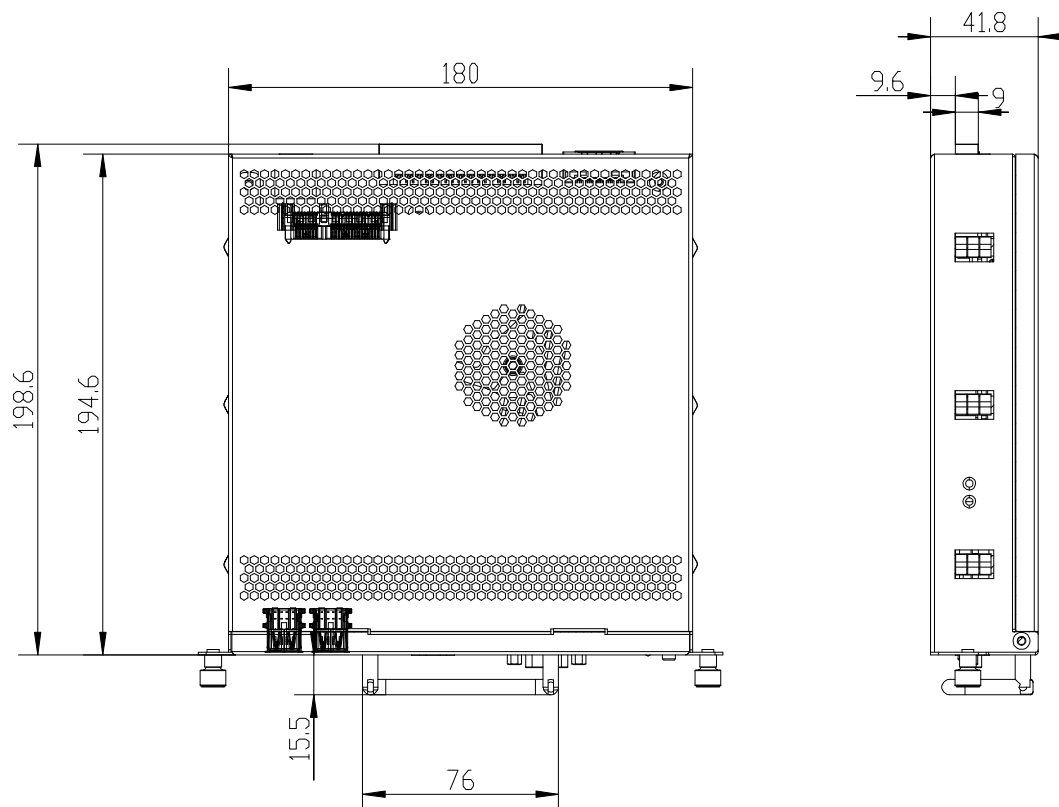


Physical Interfaces



| No. | Name | No. | Name |
|-----|----------|-----|---------|
| 1 | CMOS | 9 | MIC-IN |
| 2 | USB 2.0 | 10 | HDD/SSD |
| 3 | USB 2.0 | 11 | POWER |
| 4 | HDMI | 12 | WIFI-1 |
| 5 | LAN | 13 | DP |
| 6 | USB 3.0 | 14 | PWR |
| 7 | RS-232 | 15 | WIFI-2 |
| 8 | LINE-OUT | | |

Dimensions



Specifications

| | | |
|-------------------------------|--|--|
| Model | DS-D50S5/8S | |
| Platform architecture | Skylake | |
| Processor | Intel® Core™ i5 | |
| Dominant frequency | 2.7 GHz | |
| Memory | Capacity | 8 GB |
| | Type | DDR4 2133MHz |
| | Slot | 1 × single channel SODIMM |
| Storage media | Interface type | SSD / HDD (reserved for 2.5-inch SATA) |
| | Capacity | 128 GB |
| Video card | Intel Integrated Graphics | |
| Video output | 1 x HDMI interface. 1 x DP interface | |
| Network interface | 1 x Gigabit Ethernet interface | |
| Audio | 1 × audio input. 1 × audio output | |
| Serial port | 1 × RS-232 | |
| USB | 4 × USB 2.0 interface. 2 × USB 3.0 interface | |
| Power supply | 12 VDC to 19 VDC. ≥ 10 A | |
| Weight | 1.61 ± 0.01 Kg (3.5 ± 0.02 lb) | |
| Working temperature | 0 °C to +40 °C (+32 °F to +104 °F) | |
| Working humidity | 5% to 95% | |
| Dimensions (W × D × H) | 180 x 194.6 x 41.8 mm (7.1 x 7.7 x 1.6 inch) | |

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