

Intel® i3-9100 6 LAN, 4 COM, 8 USB 2 PCIe Wifi Machine Vision Computing System

<https://www.pondesk.com/product/MNHO-129>

Features

- High-performance Machine Vision Computing System
- Powered by Intel® Core™ i3-9100 (4 Cores, 4.2 GHz, 65W)
- Support 2x DIMM DDR4 up to 64GB Memory
- Support 2x 2.5", 1x 3.5" SATA HDD/SSD, 1x M.2 2280 NVMe SSD
- 6x LAN ports, 4 x COM (2 x RS232/RS485) ports
- 1x PCIe x16, 1x PCIe x4 & 2x PCI expansion slots for high-performance
- 8x USB 3.0 Type-A ports, 16x Opto-isolated DIO (Optional)
- 1x VGA, 1x HDMI HD displays
- Support Windows/Linux etc



I/O Interfaces



Specifications

Processor

9th Gen Intel Core™ i3-9100 processor

Memory

4x DIMM DDR4 up to 64GB

Storage

2x 2.5" SATA HDD/SSD
1x M.2 2280 NVMe SSD

Display

1x HDMI, 1x VGA

Expansion Slots

1 x PCIe X16, 1 x PCIe X4, 2 x PCI

I/O Interfaces

8x USB 3.0
4x RS232(2x RS-232/485)
6 x Intel LAN for GbE
16 x Opto-isolated DIO(Optional)
1x SIM card slot
2x SMA antenna holes

RF Communication

Wi-Fi: Mini PCIe expansion (optional)
Cellular: Mini PCIe expansion (optional)
Bluetooth: PCIe expansion (optional)
GNSS: Mini PCIe expansion (optional)

Audio

Mic, line out

OS

Support Windows 7/10/11
Support Linux, Ubuntu

Power

DC Input: 9-28V DC-IN
Input Type: 1x2pin Terminal Block Connector

Environment

Operating Temperature: -0 to 50°C
Storage Temperature: -20 to 80°C
Relative Humidity: 10-85%(Non-condensing)

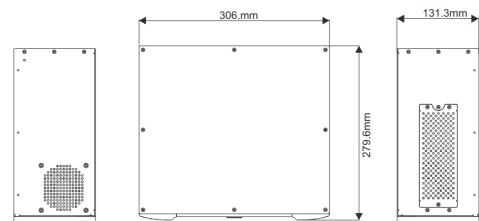
Mechanical

Dimensions (W x D x H): 306 x 279.6 x 131.3 mm
Material: Sheet Metal
Mounting: Wall mount

Certification

CE, FCC, RoHS, UKCA

Dimensions



306mm x 279.6mm x 131.3mm

Optional Accessories

8GB/16GB/32GB/64GB DIMM DDR4 Memory
256GB/512GB/1TB/2TB mSATA SSD
256GB/512GB/1TB/2TB 2.5" SSD/HDD
802.11 b/g/n/AX/ 4G LTE