

DHI-HMC5100X-H-506B1-W10A-BW



- Supports Intel Open Pluggable Specification China (OPS-C).
- Processor: Intel® Comet Lake Core I5-10400, TDP=65W.
- Integrated Graphics Card: Intel UHD Graphics 630.
- Memory: 1 × 8 GB DDR4.
- Storage: 1 × 128 GB M.2 2280 NVMe SSD.
- I/O Ports: 1 × JAE 80PIN, 1 × 2.5/5.5 DC IN JACK, 1 × Gigabit Ethernet, 1 × HDMI 1.4, 1 × DP 1.4, 4 × USB3.0, 2 × USB2.0, 1 × Type C, 1 × MIC IN, 1 × LINE OUT.
- Built-in Wi-Fi: 802.11a/b/g/n/ac.
- Bluetooth 5.0.

System Overview

With its embedded 10th and 11th Generation Intel® Desktop Processors, Dahua High-performance Module Computer is easy to use, energy saving and contains graphics that provide a stunning visual experience. It supports Intel Open Pluggable Specification China (OPS-C) and connects with the smart interactive whiteboard, making it easy to open files in seconds, and preview them without waiting. It has multiple input and output ports, RAM, HDD, and the Windows system, forming a mini computer with X86 architecture. The computer is also widely compatible with large-scale software, making it easy to install apps at will.

Functions

High-performance Chips

With its 64-bit high performance processor, the computer has strong computing capabilities and outstanding graphics. It is energy saving and widely compatible with large-scale software, making it easy to install apps to meet your individual needs. Some models come with the Intel Comet Lake processor, and others have the Rocket Lake processor.

Hot Swapping

Designed for convenience, the open and hot swapping design makes it easy to install, disassemble, upgrade and deploy the computer. It also reduces power consumption and maintenance cost, and eliminates the hassle of installing cable connections.

Anti-reverse Plug Design

With its unique design, the computer can be easily plugged in and out of the Dahua Smart Interactive Whiteboard, without worry of plugging it in reverse. This greatly prolongs the service life of the computer.

Great Workmanship

Equipped with advanced electronic components and chips, the computer is efficient and quick to respond. It has an enhanced architecture that makes it highly durable and stable, and has also undergone multiple tests to ensure that meetings and educational sessions remain uninterrupted.

High-speed USB 3.0 Port

Equipped with multiple USB 3.0 ports, data is transmitted 10 times faster than it is by USB 2.0 ports, making it is easy to transfer large files.

Scene

Ideal for primary, secondary and tertiary education institutions, and the business environment.

Technical Specification

Hardware Compatibility

Processor	Intel Comet Lake/Rocket Lake LGA1200 Max. TDP 65 W
Chip	Intel H510
Memory	2 × SO-DIMM DDR4 Max. RAM: 2 × 16 GB
Storage	1 × M.2 2280 NVMe SSD 1 × SATA 2.5" SSD/HDD (height ≤ 7.5 mm)
Discrete Graphics Card	No
Optical Disk Drive	No
Wireless	1 × M.2 2230 Wi-Fi/BT Module Supports dual-antenna
Display Screen	No
Front Panel	1 × RJ-45, 10/100/1000Mbps 1 × HDMI 1.4, up to 4K, 30 Hz 1 × DP 1.4, up to 4K, 60 Hz 4 × USB 3.0, 2 × USB 2.0 1 × MIC IN, 1 × LINE OUT 2 × Wi-Fi/BT antenna 1 × Type C 1 × Power button 1 × HDD indicator light
Back Panel	1 × JAE 80pin: 1 × DC IN, 1 × HDMI 2.0, 1 × USB 3.0, 2 × USB 2.0, 1 × UART, 1 × LINE OUT 1 × 2.5 / 5.5 DC IN JACK
BIOS	Insyde firmware

Software Compatibility

Operating System	Supports Windows 10
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Hardware Configuration

Processor	Intel® Core™ i5-10400
Memory	1 × 8 GB
Storage	1 × 128 GB M.2 2280 NVMe SSD
Discrete Graphics Card	No
Optical Disk Drive	No
Wireless	WiFi: 802.11a/b/g/n/ac BT: Bluetooth 5.0
Display Screen	No

Software Configuration

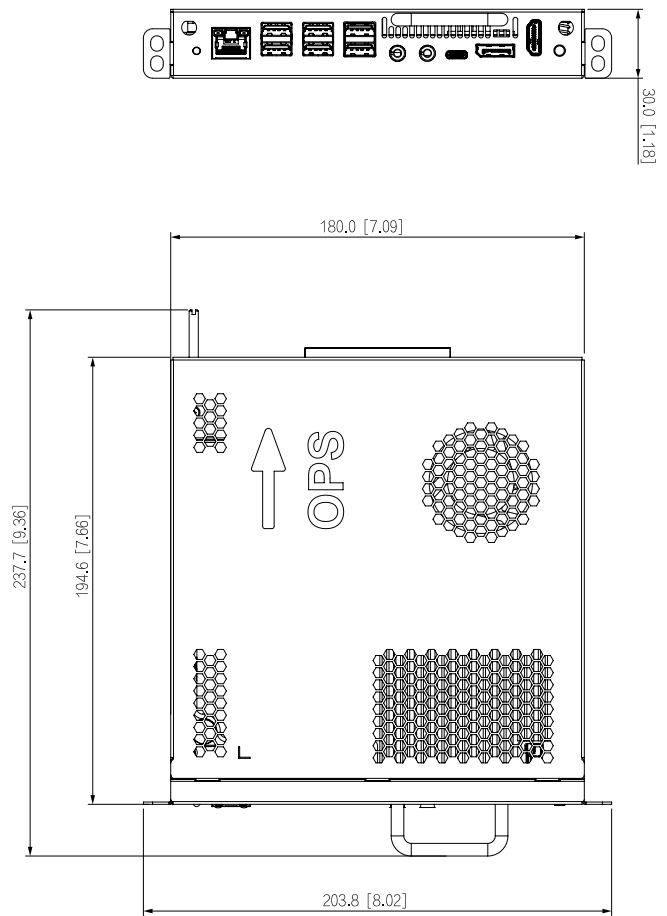
Operating System	Comes preloaded with Windows 10
Application	No

General

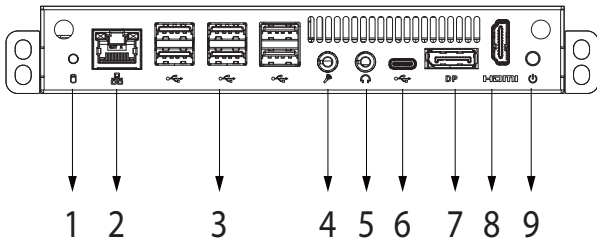
Power Supply	12/19 VDC, 7.5/4.7 A
Power Consumption	90 W
Net Weight	1.3 kg (2.87 lb)

Gross Weight	1.7 kg (3.75 lb)
Product Dimensions	180 mm × 30 mm × 195 mm (7.08" × 1.18" × 7.68") (W × H × D)
Packaging Dimensions	308 mm × 293 mm × 123 mm (12.13" × 11.54" × 4.84") (L × W × H)
Operating Temperature	0 °C to +45 °C (32 °F to +113 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Operating Humidity	10%–90% (RH), non-condensing
Storage Humidity	10%–90% (RH), non-condensing
Operating Altitude	≤5000 m (16,404.20 ft)

Dimensions (mm [inch])



Panels



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|---|---------------------|---|--------------|
| 1 | HDD Indicator Light | 2 | Network Port |
| 3 | USB Ports | 4 | MIC IN |
| 5 | LINE OUT | 6 | Type C Port |
| 7 | DP Port | 8 | HDMI Port |
| 9 | Power Button | | |