

DHI-SP-PI7C82IS

Open Pluggable Specification



- Intel® Alder lake-H i7-12650H, 4.70GHz
- Intel® UHD Graphics for 12th Gen Intel® Processors
- 1 x 8GB DDR4 3200MHz
- 1 x 256GB 2280 SSD, Nvme/SATA,
- 1 x 2230 PCIE/USB2.0, WIFI/BT Module
- 1 x HDMI 1.4, 1 x DP1.2, 2xUSB3.1, 2xUSB2.0, 1 x RJ45 10/100/1000M, 1 x USB3.1 Type-C

Series Overview

Highly intuitive, the detachable PC module is an OPS module with an Intel CPU. It has a thin design that makes it quick and easy to be inserted into the smart interactive whiteboard, offering the whiteboard access to the Windows operating system.

Technical Specification

Function

Processor	Intel® Alder lake-H i7-12650H, 4.70 GHz
Chip	SOC
BIOS	AMI UEFI BIOS
Integrated Graphics Card	Intel® UHD Graphics for 12th Gen Intel® Processors
Sound Card	Realtek ALC897
Memory	8 GB
Disk	256 GB
Wireless	1 x 2230 CNVI AX101, Wi-Fi/BT Module
Button	Front, 1 x power button, 1 x resetting button (recessed socket)
Operating System	Supports Windows 11 Pro or without any operating system.

function

Number of Cores	10
Number of Threads	16
Level 3 Cache	24 MB

Device Ports

Power	1 x DC IN
Network Port	1 x RJ-45 (10/100/1000 Mbps)
USB	2 x USB 3.1, 2 x USB 2.0
Type-C Port	1 x USB 3.1 Type-C
DP	1 x DP1.2 out, Max.4K/60 Hz
HDMI	1 x HDMI 1.4 out, Max.4K/30 Hz
Audio Port	1 x Line-out and MIC-In, 2-in-1 Connector
Extension Interface	1 x 80 pin JAE port

Power

Operating Voltage	12–19 VDC
Standby Power Consumption	0.8 W
Power Consumption	Typ: 53 W; Max: 58.8 W

Environment

Operating Temperature	–5 °C to +45 °C (+23 °F to +113 °F)
Operating Humidity	10%–90%, non-condensing
Storage Temperature	–20 °C to +70 °C (–4 °F to +158 °F)
Storage Humidity	10%–90%, non-condensing

Structure

Casing Material	SGCC
Product Dimensions	119 mm x 180 mm x 30 mm (4.69" x 7.09" x 1.18")

Detachable PC Module | DHI-SP-PI7C82IS

Packaging Dimensions	254 mm x 196 mm x 77mm (10.00" x 7.72" x 3.03")
Net Weight	0.75 kg (1.65 lb)
Gross Weight	0.95 kg (2.09 lb)
Casing Color	Black
Accessory	2 x antennas, 2 x M3 screws, 1 x desiccant, 1 x user's manual

Certifications

Certifications	CE, Energy Star
----------------	-----------------

Ordering Information

Type	Model	Description
Open Pluggable Specification	DHI-SP-PI7C82IS	Open Pluggable Specification

Dimensions (mm[inch])

