

DHI-SP-PI7B82IS

Open Pluggable Specification



- Intel® Tiger lake-H i7-11390H, 3.4GHz.
- Intel® Iris® Xe Graphics.
- 1 × SO-DIMM DDR4 2400MHz, 8G.
- 1 × M.2 2280 SSD, Nvme/SATA, 256G.
- 1 × M.2 2230 PCIE/USB2.0, WIFI/BT Module.
- 1 × HDMI 1.4, 2×USB3.1, 1×USB2.0.

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® Tiger lake-H i7-11390H, 3.4 GHz
Chip	SOC
BIOS	AMI UEFI BIOS
Integrated Graphics Card	Intel® Iris® Xe Graphics
	Realtek ALC897
Memory	8 GB
Disk	256 GB
Button	Front, 1 × power button, 1 × resetting button (recessed socket)
Operating System	Windows 11 Pro

function

Number of Cores	4
Number of Threads	8
Level 3 Cache	12 MB

Device Ports

Power	1 × DC IN
Network Port	1 × RJ-45 (10/100/1000 Mbps) port
USB	2 × USB 3.1 Type-A, 1 × USB 2.0 Type-A
Type-C Port	1 × USB 3.1 Type-C

HDMI	1 × HDMI 1.4 out, Max.4K/30 Hz
Audio Port	1 × Line-out and MIC-In, 2-in-1 connector
Extension Interface	1 × 80 pin JAE port
Wi-Fi	Yes
Wi-Fi Standard	802.11a/b/g/n/ac
Wi-Fi Frequency Range	2400–2483.5 MHz, 5150–5350 MHz, 5470–5725 MHz, 5725–5850 MHz
Max Power Transmission (Wi-Fi)	CE EIRP: ≤20 dBm@2400–2483.5 MHz; ≤23 dBm@5150–5250 MHz; ≤20 dBm@5250–5350 MHz; ≤27 dBm@5470–5725 MHz; ≤14 dBm@5725–5850 MHz
Bluetooth	Yes
Bluetooth Standard	BRIEF Bluetooth 4.2
Bluetooth Frequency Range	2400–2483.5 MHz
Max Power Transmission (Bluetooth)	CE EIRP: ≤20 dBm@2400–2483.5 MHz
RFID Modulation Method	ASK
RFID Frequency Range	13.56 MHz; 125 kHz
Max Power Transmission (RFID)	CE 125 kHz: 66 dBuA/m @10 m 13.56 MHz: 42 dBuA/m @10 m
Power	
Operating Voltage	12–19 VDC
Standby Power Consumption	0.8 W
Power Consumption	Basic: 44.7 W; Max: 57.7 W
Environment	
Operating Temperature	–5 °C to +45 °C (+23 °F to +113 °F)
Operating Humidity	10%–90% (RH), non-condensing

Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Storage Humidity	10%–90% (RH), non-condensing

Structure

Casing Material	SGCC
Product Dimensions	119 mm × 180 mm × 30 mm (4.69" × 7.09" × 1.18")
Packaging Dimensions	254 mm × 196 mm × 77mm (10.00" × 7.72" × 3.03")
Net Weight	0.75 kg (1.65 lb)
Gross Weight	0.95 kg (2.09 lb)
Casing Color	Black
Accessory	2 × antennas, 2 × M3 screws, 1 × desiccant, 1 × user's manual

Certifications

Certifications	CE
----------------	----

Ordering Information

Type	Model	Description
Open Pluggable Specification	DHI-SP-PI7B82IS	Open Pluggable Specification
	SP-PI7B82IS	Open Pluggable Specification

Dimensions (mm[inch])

