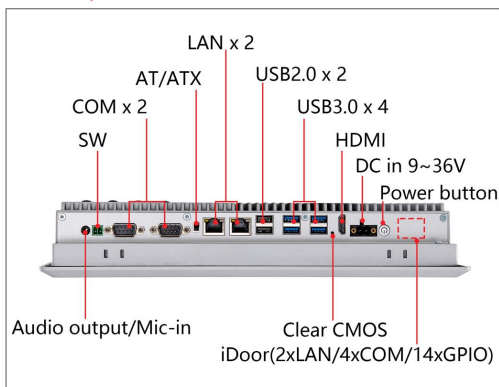


12.1 inch Panel PC



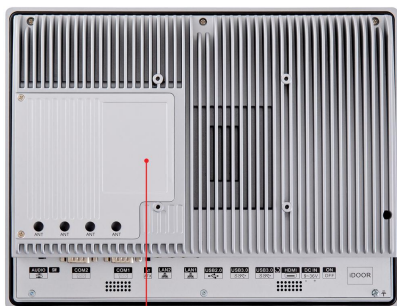
Default I/O View



Optional I/O View:iDOOR-2x LAN



Optional I/O View : iDOOR-4x COM / 14xGPIO



HDD/SSD/Memory/WiFi/4G/5G/CMOS BAT.
Einbauschacht

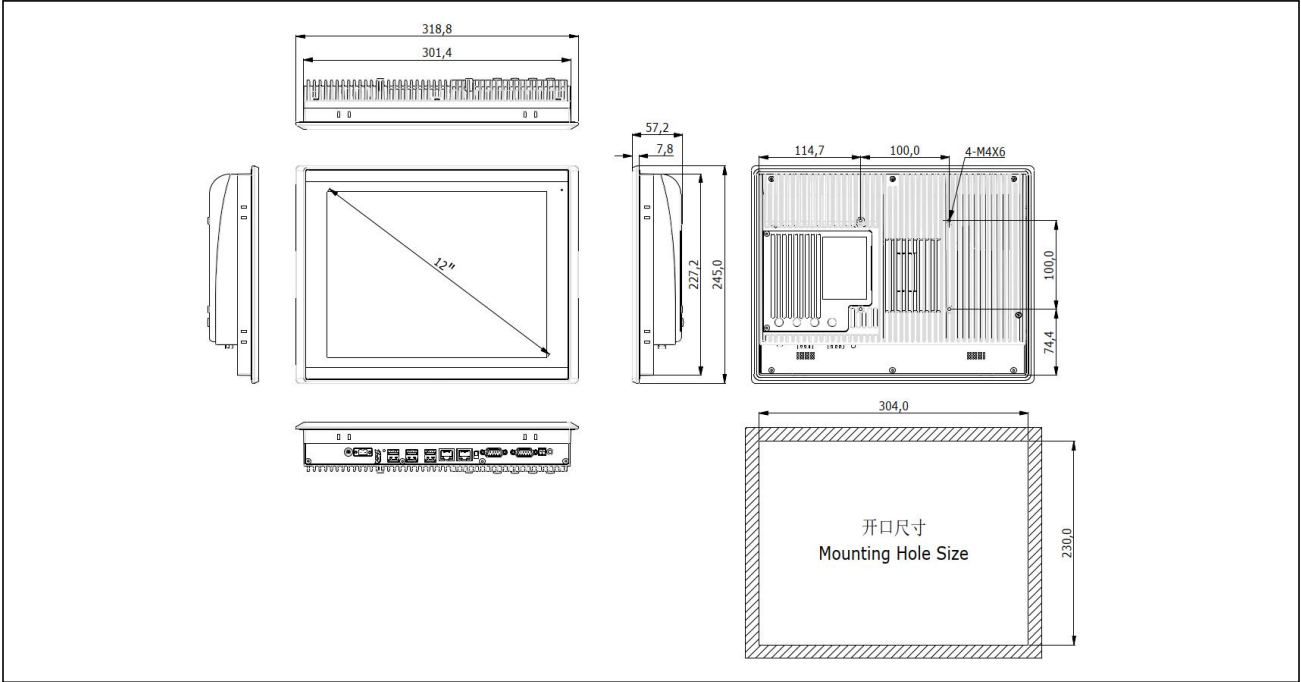
Features

- Supports Intel® J6412,N97 & 4th ~ 12th Gen U-Series Core™ i3/i5/i7 processors
- LCD+HDMI dual displays
- IP65-rated front panel
- Fanless design with aluminum alloy enclosure
- 9~36V Wide Range DC input

Specifications

System	
Model	HPM132-AC/AR121M
Processor *1	Intel® J6412,N97 & 4 th ~12 th Gen U-Series Core™ i3/i5/i7
Memory *2	The memory type is determined by the CPU model
Ethernet	2 x GbE RJ45 intel i210-AT
I/O Port	4 x USB3.0, 2 x USB2.0 2 x DB-9 COM1&COM2,RS-232/485 1 x Audio Line-out/Mic-in 2 x 8Ω 1W Audio AMP out(Optional) 1 x Remote switch Phoenix 1 x AT/ATX Switch 1x HDMI 1x IDOOR (2xLAN / 4xCOM / 14xGPIO Optional)
Storage *3	1 x M.2 2280 SSD (SATA/NVMe) 1x SATA(2.5" SATA)
Expansion Slot	Mini-PCle x 1 full size with SIM Card for 3G/4G M.2 Key E x 1 for WIFI/BT M.2 Key B x 1 for 5G
Watchdog timer	255 Levels
OS Support	Windows® 10/11, Linux
Mechanical	
Construction	Aluminum Design
Mounting	VESA 100/ Panel Mount
Dimension	318.8 x 245.0 x 57.2 mm
Gross Weight	TBD
Environmental	
Operating Temperature	-20°C~70°C
Storage Temperature	-30°C~80°C
Storage Humidity	10~90%@30°C, non-condensing
Power Supply	
DC input	DC 9~ 36V 2-pin Phoenix Connector
LCD	
Display Type	12.1" TFT-LCD
Resolution	1024 x 768
Max.Colors	16.7M
Luminance	500 cd/m2
Viewing Angle (CR>=10)	-88~88°(H),-88~88° (V)
Back Light	LED
Back Light MTBF(Hours)	50,000
Touchscreen	
Type	Flat 5-wire Resistive P-CAP Multi Touch
Light Transmission	78% >85%
Life Time	>5 million activations 7H

Dimensions ■ Unit: mm



Recommended CPU models

The industrial Panel PC has extended configuration possibilities to meet your requirements, below an overview of the most used and recommended models. Selecting one of the models below will bring the benefit of faster delivery times.
In case your preferred model is not listed below, please contact your representative to discuss the possibilities.

*1 CPU Models	*2 Memory type	*3 Storage Type
J6412	DDR4-3200MHz SO-DIMM x1, up to 32GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
N97	DDR4-3200MHz SO-DIMM x1, up to 16GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
i5-7200U	DDR4-2400MHz SO-DIMM x1, up to 16GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
i7-7500U	DDR4-2400MHz SO-DIMM x1, up to 16GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
i5-8250U	DDR4-2400MHz SO-DIMM x1, up to 16GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
i3-1115G4	DDR4-3200MHz SO-DIMM x1, up to 32GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
i5-1135G7	DDR4-3200MHz SO-DIMM x1, up to 32GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
i7-1195G7	DDR4-3200MHz SO-DIMM x1, up to 32GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
i3-1215U	DDR4-3200MHz SO-DIMM x1, up to 32GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
i5-1235U	DDR4-3200MHz SO-DIMM x1, up to 32GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
i7-1255U	DDR4-3200MHz SO-DIMM x1, up to 32GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")
i7-8550U	DDR4-3200MHz SO-DIMM x1, up to 32GB	1x M.2 2280 SSD (SATA/NVMe), 1x SATA 3.0 (2.5")

Packing List

- HPM132-AC121M
- Power Adapter
- Mounting clip
- Phoenix Connector for Remote switch

Optional Accessories

- WIFI Module
- 4G/5G Module
- SSD, Memory
- iDOOR expansion card (LAN/COM/GPIO)
- VESA Mounting brackets