IBOX-104V2-5L2C4P

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- The processor graphics is based on Gen 9 LP (generation 9 Low Power) graphics core architecture that enables substantial gains in performance and lower-power consumption over prior generations;
- Gen 9 LP implements a high-performance and low-power HW acceleration for video decoding operations for multiple video codecs. Expected more than 16 simultaneous decode streams @1080p;
- Full aluminum alloy anti-interference structure with modular parts design offers stronger system stability;
- Fully enclosed with fanless cooling system and cable-free design for better vibration resistance;
- Multiple mounting options available, DIN-Rail, Wall-Mount, Embedded.

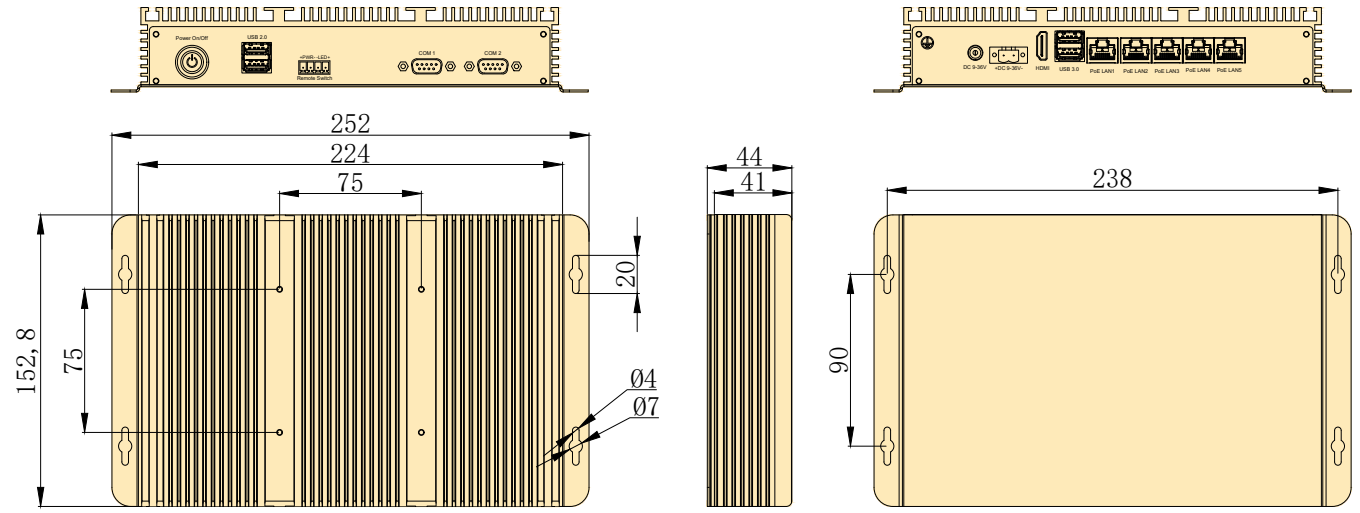
The actual appearance is subject to the final configuration.

Specifications

Model	IBOX-104V2-5L2C4P	
Supported OS	Win 7, Win 8, Win 10, Win11, Linux (Ubuntu, Dibian, Kali, CentOS, etc.); WES 7; Win 10 IoT	
CPU	Intel® Core™ I5-8260U, 4* Cores, 8* Threads, Base Fre. 1.6 GHz, Turbo Fre. 3.90GHz, TDP 15W	
Graphic	Intel® UHD Graphics 620, support 4K @60Hz	
RAM	SO-DIMM	1* Non-ECC SO-DIMM slot, support DDR4-2400/2133MHz, up to 32GB
Storage	mSATA	1* mSATA3.0 slot on board (3Gb/s)
	SATA	1* SATA3.0 7P connector (6Gb/s, with 1* SATA Power Wafer)
I/O Interface	COM	2* RS232/422/485, internal headers, switch by jumper
	Ethernet	5* 1.0 GbE LAN, Intel i210, LAN2-LAN5 support PoE IEEE802.3af up to 15W per LAN port
	USB	2* USB3.0 connectors, 4* USB2.0 headers
	Video	1* HDMI, 4096x2304@24Hz
	Audio	1 * Line-Out header; with 7.1 channel HD Audio Codec Realtek ALC897; 1 * amplifier header
	SIM	1* Built-in SIM card slot connected to Mini-PCIe
	Power Supply	9-36V DC, 1* Power Input Terminal Block, (2-Pin, 5.08mm); 1* Threaded Jack (5.5* 2.5mm)
	Other	1* 8-bit GPIO header; 1* Remote Switch Terminal (2-Pin, 3.81mm), 1* Internal header with function Reset/ PWR LED/ HDD LED
Extended Capabilities	Additional Internal Interface	1* Full Size Mini-PCIe with SIM card slot (PCIe+USB2.0)
Environment	Operating Temp.	-10 ~ 50 °C w/ 0.7m/s Airflow
	Storage Temp.	-40 ~ 85 °C (-40~185 °F)
	Relative Humidity	40 °C @ 95%, Non-Condensing
Physical Characteristics	Dimensions	250* 44* 153 mm (W* H* D) (It has a higher version with 49mm solution)
	Net Weight	1.5 KG
Regulation	EMC	CE/FCC Class B, CCC
	Safety	CE-LVD, RoHS, CCC

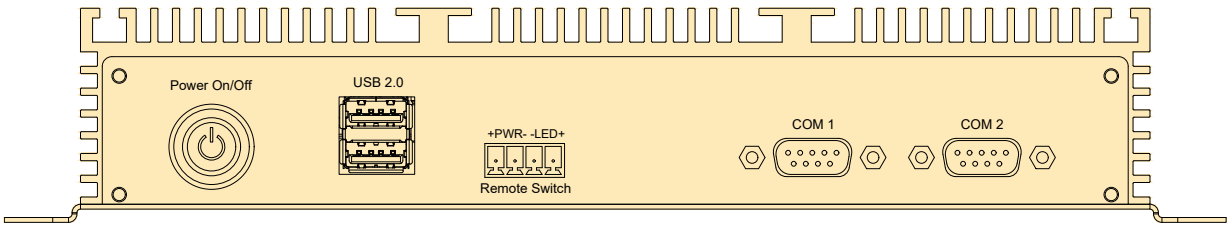
Dimension

Unit:mm

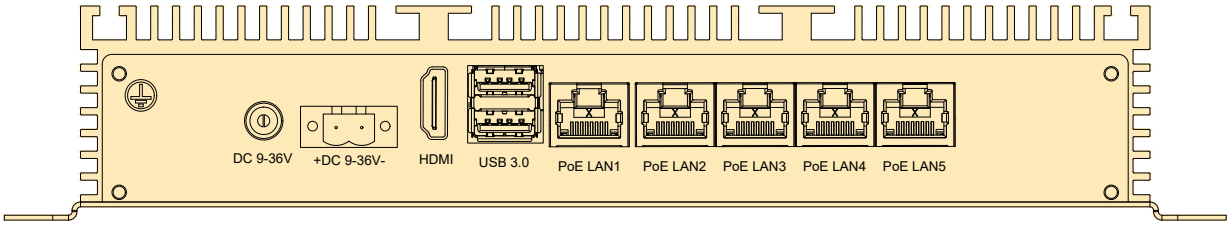


The actual appearance and dimensions are subject to the final configuration

Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

SO-DIMM Socket	mSATA Slot	SATA 3.0 Slot	Full Size Mini PCIe	RS232/422/485 Header	Serial Mode Switching Jumper	GbE LAN	USB 3.0	USB 2.0 Headers
1	1	1	1	2	6	2	4	4

HDMI	Line Out Header	Remote Switch Header	Reset Wafter	Reset Function Header	Built-in SIM Card Slot	8-bit GPIO Header	Power Supply
1	1	1	1	1	1	1	DC 9-36V

Processors Info & Available List

CPU	Code Name	Total Cores	Total Threads	Max Turbo Frequency	Base Frequency	Cache	TDP	Memory Types	Integrated Graphics
Intel® Core™ I5-8260U	Coffee Lake	4	8	3.90 GHz	1.60 GHz	6 MB Intel® Smart Cache	15W	DDR4	Intel® UHD Graphics 620

Packing list

Deafult Items	Qty
IBOX-104V2-5L2C4P Unit	1
AC-to-DC Adapter	1
Power cable 3-pin 150cm	1

Options for default items

Optional Items	Qty
Power cable 3-pin 150cm, USA type	-
Power cable 3-pin 150cm, EU type	-
Power cable 3-pin 150cm, UK type	-
VESA mount kits/ Din-Rail mount kits	-

Optional accessories or internal modules for unit

Optional Items	Max Qty	Description
Isolated RS-232	2	DB9 or Phoenix Terminal connector, connected by header
Isolated 8-bit GPIO, 9-24V	1	Phoenix Terminal connector, connected by header
4G Module	1	Connected by Mini PCIe interface
WiFi Module without AP mode	1	Connected by Mini PCIe interface
Dual channel CAN-Bus Module	1	Connected by Mini PCIe interface

‼ Note: As this product has expansion slots, please consult sales for the specific maximum number of expandable interfaces.