

IBOX-104V2-2L6C-XP



- Equiped with up to 4* RS232/RS485 and 2* RS232 serial ports;
- Multi-type HDD options with one mSATA3.0 expansion slot and one SATA2.0 connector to expand the storage device;
- Supports VESA and wall mounting for different applications;
- Modular Expansion for Easy Maintenance, it comes with two Mini-PCIe slots for wireless cards (4G-LTE, Wi-Fi, Bt, and GNSS);
- Full sealed and 44mm Ultra-thin design with aluminum alloy cooling enclosure, dustproof, anti-vibration and anti-interference;



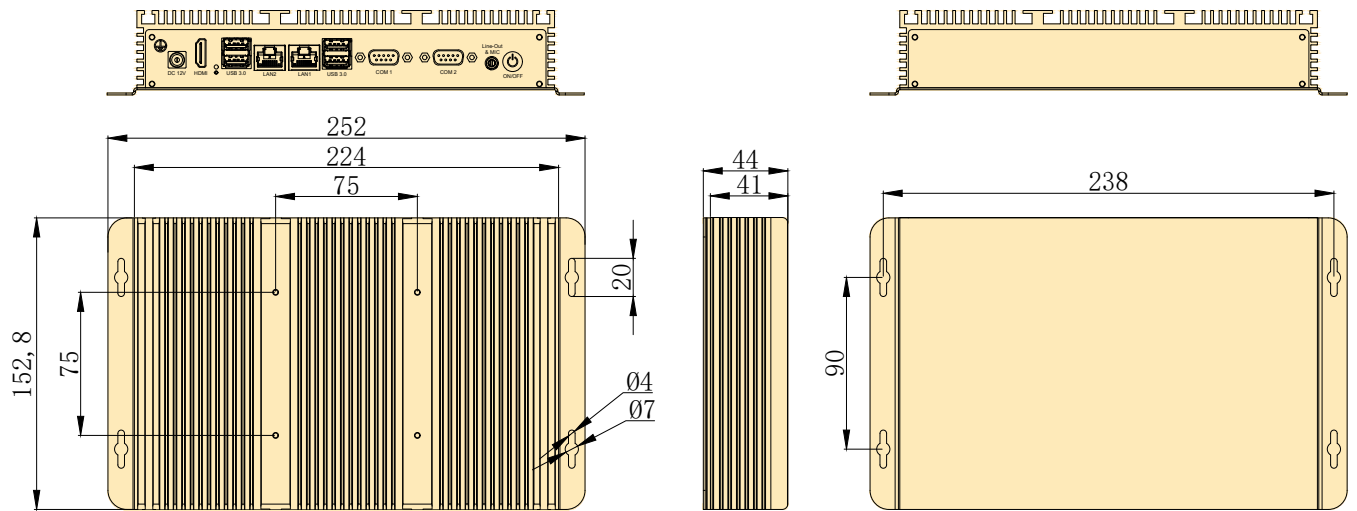
The actual appearance is subject to the final configuration.

Specifications

Model	IBOX-104V2-2L6C-XP	
Supported OS	Win XP, Win 7, Win 10, Linux (Ubuntu, Debian, Kali, CentOS, etc.); WES 7; Win 10 IoT	
CPU	Intel® Core™ I5-3317U, Dual cores, 4 Threads, Base Fre. 1.70GHz, Turbo Fre. 2.60 GHz, TDP 17W	
RAM	SO-DIMM	1* SO-DIMM Socket, DDR3L-1333/1600 MHz, Up to 8GB
Storage	mSATA	1* mSATA3.0 slot on board (6Gb/s)
	SATA	1* SATA2.0 7P Connector (3Gb/s, with 1* SATA Power Wafer)
I/O Interface	COM	2* RS232/485 (COM1/2, DB9 connector); 2* RS232/485 (COM3/4, Internal header); 2* RS232 (COM5/6, Internal header)
	Ethernet	2* GbE LAN, Realtek RTL8111H, support Wake on Network/PXE
	USB	4* USB3.0 (TYPE-A, Rear IO); 5* USB2.0 (Wafer, Internal header)
	Video	1* HDMI, max resolution up to 1920x1200@60Hz
	Audio	1* Line-Out + MIC 2in1 3.5mm Jack; With 7.1 channel HD Audio Codec Realtek ALC897; 1* Amplifier Header
	SIM	1* Built-in SIM card slot connected to Full size Mini PCIe slot
	Power Supply	12V DC; 1* DC Jack (5.5* 2.5mm); Optional 9-30V DC PWR module with Terminal Block (2-Pin, 5.08mm)
	Other	1* 8-bit GPIO header with 4 inputs and 4 outputs, Input voltage range: 0-5V; 1* Remote Switch wafer; 1* Reset wafer; 1* PWR LED; 1* HDD LED; 1* CMOS Clear button; 1* TPM2.0 Jumper
Extended Capabilities	Additional Internal Interface	1* Full Size Mini-PCIe with SIM card slot (PCIe+USB2.0, support Wi-Fi+BT/ 4G) 1* Half Size Mini-PCIe (PCIe+USB2.0, support Wi-Fi+BT)
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

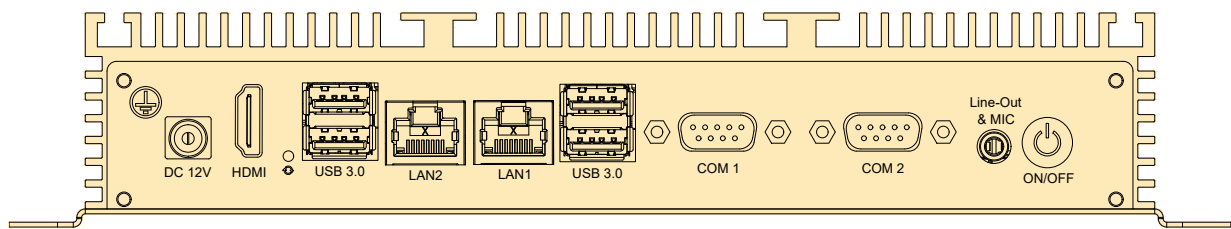
Dimension

Unit:mm

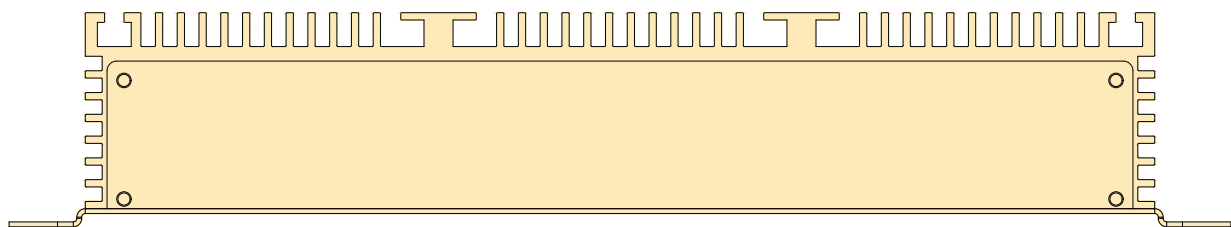


The actual appearance and dimensions are subject to the final configuration

Front Panel External I/O Mechanical Layout/Drawing



Rear Panel External I/O Mechanical Layout/Drawing



Ordering Information

SO-DIMM Socket	mSATA 3.0 Slot	SATA 2.0 Connector	Full Size Mini PCIe	Half Size Mini PCIe	RS232/485	RS232	GbE LAN	USB 3.0	USB 2.0 Headers
1	1	1	1	1	4	2	2	4	5
HDMI	Line Out+ Mic In	Built-in SIM Card Slot	8-bit GPIO Header	CMOS Clear Button	Remote Switch Wafer	Reset Wafer	Power Supply	DC 12V	
1	1	1	1	1	1	1	1		

Processors Info & Available List

CPU	Code Name	Total Cores	Total Threads	Max Turbo Frequency	Base Frequency	Cache	TDP	Memory Types	Integrated Graphics
Intel® Core™ i5-3317U	Ivy Bridge	2	4	2.60 GHz	1.70 GHz	3 MB Intel® Smart Cache	17W	DDR3	Intel® UHD Graphics 4000

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Packing list

Default Items	Qty
IBOX-104V2-2L6C-XP 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	6	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.