



## BRICK J6412

FANLESS IPC

- Intel® Elkhart Lake SoC Processor (J6412)
- 2x DDR4 3200 MHz up to 32GB RAM
- 32GB Onboard eMMC (Storage)
- Extended power supply range from 12V to 24V
- 2x LAN Intel® Gigabit Ethernet (1x 2.5GbE + 1x 1GbE)
- 2x 4K Video interface (HDMI)



### MAINBOARD

**CPU:** Intel® Celeron J6412  
4 Core / 4 Thread  
2.0 GHz (Base) / 2.6 GHz (Turbo) 10W

### MEMORY

**Capacity:** up to 32GB  
**Frequency:** 3200 MHz  
**Type:** 2x SO-DIMM DDR4

### STORAGE

**SATA:** 1x SATA3  
**eMMC:** 32GB onboard eMMC  
**M.2:** 1x M.2 M-Key (2242/2260/2280)  
Support NVMe  
**Storage Bay:** 1x Internal 2.5" SSD Bay

### I/O INTERFACE

**Serial ports:** 1x COM RS232/422/485  
1x COM RS232  
**USB ports:** 3x USB 3.1,  
5x USB 2.0,  
**M.2:** 1x M.2 E-Key (2230)  
1x M.2 B-Key (3042) Support USB  
**AUDIO:** 1x Headphone Jack,  
1x MIC Jack  
1x Line-out Combo Jack

### VIDEO

**GPU:** Intel® UHD 620 Graphics  
**Interface:** 2x HDMI 1.4 (Up to 4096x2160 @60Hz)

### ETHERNET

**LAN:** 1x Intel i225LM 2.5GbE Gigabit LAN  
1x Intel i211AT Gigabit LAN

### POWER

**Power in:** 9 to 24V, DC-in  
**Max Power:** 60W max  
**Adapter:** AC 90~240V to DC 12V @5A/60W

### MECHANICAL

**Material:** Lightweight aluminum alloy  
with extruded aluminum IO panel  
**Dimensions:** (W)193x(D)142.4x(H)62mm  
**Weight:** 2.2Kg  
**Mounting:** Wall Mount + DIN Rail

### ENVIRONMENT

**Operating temp.:** -10°C to 50°C  
**Storage temp.:** -20°C to 85°C  
**Humidity:** 10% to 90% RH @40°C, non-condensing  
**EMC:** CE, FCC, RoHS, LVD, ErP Ready

## SARC ITALIA SRL

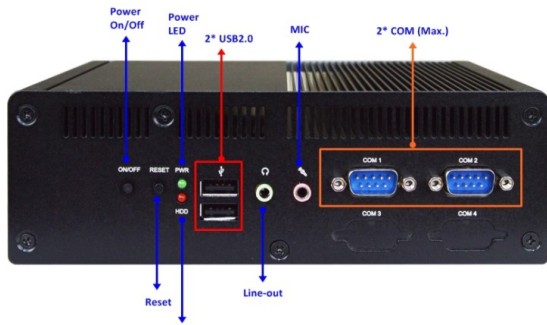
Strada Albareto, 503 - 41122 Modena - ITALY  
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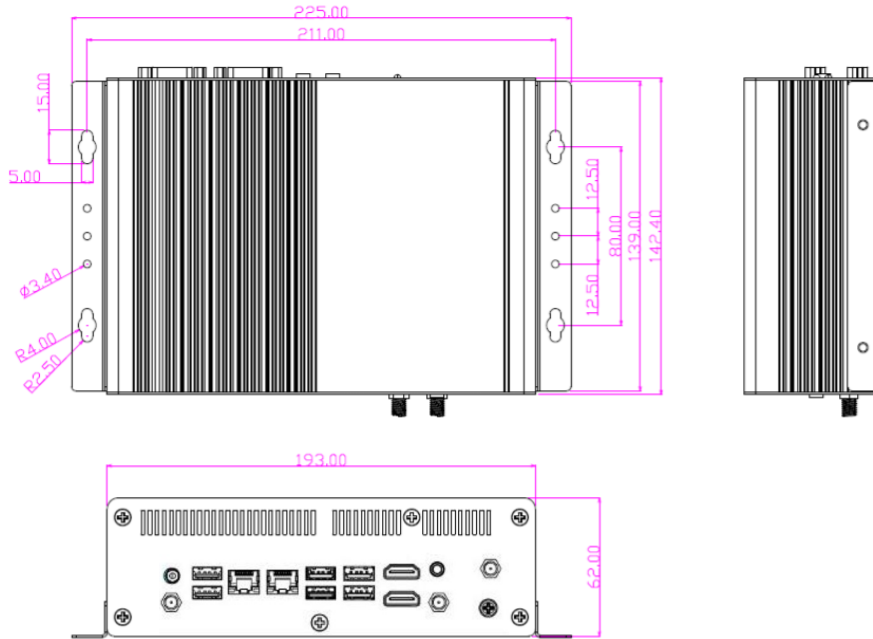
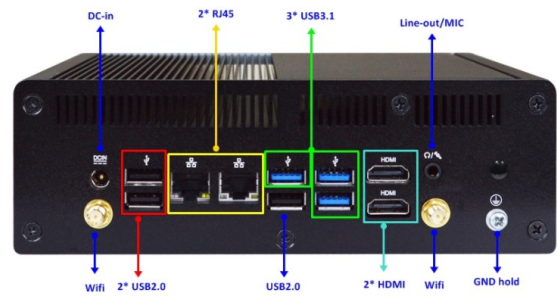
Website: [www.indatech.it](http://www.indatech.it)

Email: [info@indatech.it](mailto:info@indatech.it)

Front



Rear



Accessories Included:

- WALL + DIN Rail Mount Kit
- Power Adapter 12V @60W + Power Cable
- Dual Band WiFi Antenna
- Screw pack

Compatible OS:

**MS WINDOWS** (64bit)

- Windows 10
- **Windows 10 Enterprise LTSC (IoT)**
- Windows 11
- Windows 11 Enterprise LTSC (IoT)



**LINUX** \*

- CentOS 8
- Debian 10
- Fedora 34
- Ubuntu 20.04 LTS
- pfSense 2.4.4



\* Linux distributions tested with the IPC.

Order Code:

**B04 - 25C - BRICK - J6412 - RXX - SSDXXX**

RAM	R08	(8 GB)	STORAGE	SSD (2,5")	M2D/SSD128
	R16	(16 GB)		MSD (mSATA)	M2D/SSD256
	R32	(32 GB)		M2D (M.2)	Other on Request

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