



Elevation

Industrial PC INTEL i7 up to 4.9Ghz of **10th generation** with 10510u processor (Quad Core / 8 threads).

Rugged fanless computer in aluminium chassis in grey colour, with passive cooling system without the use of fans for protection against dusty environments.

It has **6 COM ports** (2 of them configurable as RS485). 6 USB 3.0 ports. HDMI and VGA. Possibility of integrating **wifi/bluetooth** and **4G/GPS** module at the same time. Power supply **DC 9 ~ 19V**.



Indoor

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA

Processor: Intel i7 10510u 4.9Ghz
Resolution: 4096x2304@60Hz (HDMI)
RAM: Supports up to 32GB SODIMM DDR4/2666
DRIVE: SATA3 SSD / SSD m.2 2280 / Mini PCI-e
Audio: 2x Jack 2.5; Speakers / MIC
Socket: 2x DDR4 RAM
Ports: 2xUSB 3.0 / 4xUSB 2.0 (1 bypassed) / 1xHDMI / 1xVGA 6x RS232 (2x RS485)
LAN: 2xRJ45
OS: Windows 7, 8, 10, 10, 11 Linux Compatible
Power supply: DC 12 (7A) ~ 19V (6.3A)
Power consumption: ~30-65 watts
Vibration: Highly vibration resistant
Humidity: 0% ~ 90% (non-condensing)
Operating temp.: -10°C~60°C
Storage temp.: -30°C~80°C
Warranty: 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

Mounting Type: Embedded yes, VESA no, RACK no.

Processor Frequency: Min. 1.8 GHz, Max turbo 4.9 GHz, 8MBCache.
Graphics: Integrated UHD Intel.

RAM: 0Gb on Board + 2 Socket DDR4.

ALMAC: SATA3 SSD / SSD m.2 * Check capacities.

Audio: Realtek HD ALC662 Line-out and MIC.

LAN: 2 ethernet 1* Intel WGI219 LM + 1* Realtek 8111H.

GPIO: Optional (consult).

Power: 1 x Power Button 1 x Reset Button + 1x Clear CMOS button.

IP Protection: IP50. Dust ingress cannot be prevented, but must not enter in such a quantity as to interfere with the correct operation of the equipment. No water protection.

Waterproof enclosure: For higher IP protection (OPTIONAL).

Wireless: Intel Intel 7260HMW Wifi Card (wifi+bluetooth) (OPTIONAL).

GPS: Mini PCI Express u-Blox pci-5s-1 - 500.

4G/GPS: Mini PCI Express Kit 4G QUECTEL EC25-E (OPTIONAL).

Dimensions: 205 x 286 x 76 mm

Weight: 2'2 Kg

Packing: Single Box; PC, Power Supply, Power Cable.

PORTS I/O



Front



Back

CONNECTIVITY OPTIONS



WiFi module: Intel 7260hmv
WiFi antenna: Yes
Connection cable: Yes
SMA extender: Optional

GPS module: u-Blox pci-5s-1-500

GPS antenna: Yes
Connection cable: Yes
SMA extender: Optional



4G/GPS module: Quectel EC25-E
4G/GPS antennas: Yes
Connection cable: Yes

PRODUCT VALUES

- > High-performance processor, Windows 11 compatible.
- > 2 COM ports configurable as RS485.
- > Double LAN RJ45 network connection.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Very low power consumption.
- > Significant number of USB / COM connections.

MOST COMMON APPLICATIONS

- > Machine vision
- > Automation
- > Robot guidance
- > Industrial control systems (ICS)
- > Metrology
- > Distributed control systems / SCADA
- > Data Acquisition Systems (DAQs) > Data acquisition systems (DAQs)
- > Product classification
- > Factory assembly lines
- > Assembly on transport vehicles
- > Wireless station (Wifi/4G/GPS)

SOME SUCCESS STORIES

- > PLC and camera vision
- > External lighting
- > Machine vision machine

APPLICATION SECTORS

- > Artificial intelligence
- > Aerospace
- > Automotive
- > Data Centers
- > Distribution
- > Marine
- > Pharmaceutical Industry
- > Transport and Logistics
- > Meat Industry
- > Fishing Vessels
- > Shipyards

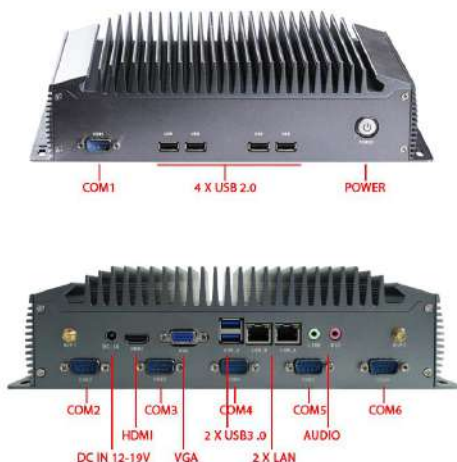
ALTERNATIVE REFERENCES

- > Industrial pc i5 7200u PCIe
- > Industrial pc panel CL J1900 PCIe

CERTIFICATIONS



CONNECTIONS



CONNECTIONS and DIMENSIONS

