



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 VGI219 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

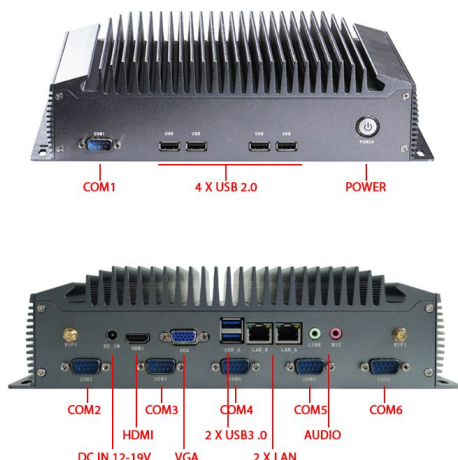
- APPLICATION SECTORS**
- > Artificial intelligence
 - > Aerospace
 - > Automotive
 - > Data Centers
 - > Distribution
 - > Marine
 - > Pharmaceutical Industry
 - > Transport and Logistics
 - > Meat Industry
 - > Fishing Vessels
 - > Shipyards

- ALTERNATIVE REFERENCES**
- > Industrial pc i5 7200u PCIe
 - > Industrial pc panel CL J1900 PCIe

CERTIFICATIONS



CONNECTIONS



CONNECTIONS and DIMENSIONS

