

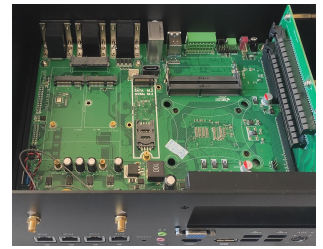


Elevation

Industrial PC INTEL i7 2.8Ghz up to 3.8Ghz 7th generation with 7700HQ processor (Quad Core / 8 threads).

Fanless ruggedised computer in black aluminium chassis, with passive cooling system without the use of fans for protection against dusty environments.

It has GPIO, 4 POE connections and double PCIe X16 slot that allows a very considerable expansion of the product allowing a multitude of possibilities. Power supply DC 9 ~ 36V



Indoor

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel 7700hq i7 2.8Ghz
Resolution: 4096x2304@60Hz (DP)
RAM: Supports up to 32GB SODIMM DDR4/2666
STORAGE: SSD SATA3 / SSD MSATA / SSD m.2
Audio: 2x Jack 2,5; Loudspeakers / MIC
Socket: 2x RAM / 1x SATA / 1x MiniPCIe / 1x mSATA / 1x m.2 SATA
Ports: 6xUSB 3.0 / 2xUSB 2.0 / 1xHDMI / 1xUSB / 1xDP / 6x RS232 (2 RS485)
LAN: 6xRJ45 POE
SO: Windows 7, 8, 10, Linux Compatible
Source: DC 9 ~ 36V
Consume: ~15-65 wattios
Vibration: Highly resistant to vibrations
Humidity: 0% ~ 90% (non - condensing)
Operating temp.: -10°C~50°C
Storage temp.: -30°C~85°C
Warranty: 1 Year (Extendable up to three years)

OTHER TECHNICAL DATA

Type of anchorage: Embedded yes, VESA no, RACK no.
Processor frequency: Minima 2.8Ghz, maximum 3.8Ghz.
Graphic: Integrated Intel HD630, Supports DVMT, Doble HDMI. Possibility to use VGA converter
RAM: 0 Gb on Board + 1 Socket SODIMM/1,35v (4/8Gb)
STORAGE: SSD SATA3 / SSD MSATA / SSD m.2 * Check capacities.
Audio: Realtek HD ALC662 Line-out y MIC
LAN: 4 ethernet Realtek Intel i211/i210, support POE
GPIO: 14bit GPIO(7*in+7*out)
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 proper functioning of the equipment. No protection against water.
Watertight box: For higher IP protection (OPTIONAL)
Wireless: Mini PCI Express Intel Centrino 6300 Pc Industrial Wifi Card (OPTIONAL)
GPS: Mini PCI Express u-Blox pci-5s-1 - 500. (OPTIONAL)
4G/GPS: Mini PCI Express Kit 4G QUECTEL EC25-E (OPTIONAL)
Dimensions: 310 x 203 x 125 mm
Weight: 4'6 Kg
Packing: Single Box; PC, Power Supply, Power Cable, Drivers.

PORTS I/O



Front



Back

CONNECTIVITY OPTIONS

WiFi module: Intel 6300
WiFi antenna: Yes
Connecting cable: Yes
SMA extension: Optional

GPS module: u-Blox pci-5s-1-500
GPS antenna: Yes
Connecting cable: Yes
SMA extension: Optional

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

PRODUCT VALUES

- > Dual PCIe X16
- > GPIO digital inputs / outputs
- > Dual RJ45 LAN network connection
- > Maximum connectivity with Wifi / 4G / GPS in the same configuration.
- > 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)

MOST COMMON SECTORS

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

SUCCESS STORIES

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

ALTERNATIVE REFERENCES

- > i5 7200u PCIe industrial PC
- > Industrial panel pc CL J1900 PCI

CERTIFICATIONS



CONNECTIONS AND DIMENSIONS

