

PC Embedded Serie

Fanless Industrial Computers

Industrial components



Elevation

Industrial PC INTEL i5 up to 4.2Ghz 11th generation with 1135G7 processor (Quad Core / 8 threads).

Fanless ruggedised computer in grey aluminium chassis, 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

OTHER TECHNICAL DATA

PORTS I/O

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel i5 1135G7 4.2Ghz
Resolution: 4096x2304@60Hz (HDMI)
RAM: Soporta hasta 32GB SODIMM DDR4/2666
Storage: SSD SATA3 / SSD m.2 2280 / Mini PCI-e
Audio: 2x Jack 2,5; Loudspeakers / MIC
Socket: 2x RAM DDR4
Ports: 2xUSB 3.0 / 4xUSB 2.0 / 1xHDMI / 1xVGA 6x RS232 (2x RS485)
LAN: 2xRJ45
SO: Windows 7, 8, 10, 11 Linux Compatible
Source: DC 12 (7A) ~ 19V (6,3A)
Consume: ~30-65 wattios
Vibration: Highly resistant to vibrations
Humidity: 0% ~ 90% (non - condensing)
Operating temp.: -10°C~60°C
Storage temp.: -30°C~80°C
Warranty: 1 Year (Extendable up to three years)

Type of anchorage: Embedded yes, VESA no, RACK no.
Processor Frequency: Min. 2.4 GHz, Max turbo 4.2 GHz, 8MB Cache
Graphic: Integrated Intel d Intel Iris(R)Xe Graphics Core
RAM: 0 Gb en Placa + 2 Socket DDR4
Storage: SSD SATA3 / SSD m.2 * Check capacities.
Audio: Realtek HD ALC662 Line-out y MIC
LAN: 2 ethernet 1* Intel WGI219 LM + 1* Realtek 8111H
GPIO: Optional (consult)
Power: 1 x Power Button 1x Reset Button + 1x Clear CMOS button
IP protection: IP50. Dust ingress cannot be prevented, but it 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: Intel Wifi Card 7260HMW (wifi+bluetooth) (OPTIONAL)
GPS: Mini PCI Express u-Blox pci-5s-1 - 500. (OPTIONAL)
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.



Front



Back

CONNECTIVITY OPTIONS

WiFi module: Intel 7260hmv
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
 > High performance processor.
 > 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)

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

CERTIFICATIONS

CONNECTIONS

CONNECTIONS AND DIMENSIONS

