

PC Embedded Series

Fanless Industrial Computers

Industrial Components



Elevation

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

Ruggedized fanless computer in a black aluminum chassis, with a passive cooling system without the use of fans to achieve protection against very dusty environments. It has 6 COM ports (3 of them configurable as RS485). 5 USB ports available. 2 Ethernet.. HDMI and VGA. Possibility of integrating wifi/bluetooth or 4G/GPS module. 24V power.



Indoor

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel i5 1135G7 4.1Ghz
Resolution: 4096x2304@60Hz (HDMI)
RAM: Supports up to 64GB SODIMM DDR4/2666
STORAGE: SSD m.2 2280 NVMe / Mini PCI-e
Audio: 2x Jack 2.5; Speakers/MIC
Socket: 2x DDR4 RAM
Ports: 2xUSB 3.0 / 4xUSB 2.0 (1 USB bypassed) / 1xHDMI / 1xVGA 6x RS232 (2x RS485)
LAN: 2xRJ45
OS: Windows 7, 8, 10, 11 Linux Compatible
Source: DC 24V (4A)
Consumption: ~30-65 watts
Vibration: Very resistant to vibrations
Humidity: 0% ~ 90% (non-condensing)
Temp. Operation: -10°C~60°C
Temp. Storage: -30°C~80°C
Warranty: 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

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

Processor Frequency: Min. 2.4 GHz, Max turbo 4.2 GHz, 8MBCache

Graphics: Intel® Iris® Xe Graphics

RAM: 0 Gb on Board + 2 Socket DDR4

ALMAC: m.2 NVMe SSD * 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. The entry of dust cannot be avoided, but it should not enter in such an amount that it interferes with the correct functioning of the equipment. Without water protection.

Waterproof box: To obtain greater IP protection (OPTIONAL)

Wireless: Intel Wifi Card Intel 7260HWW (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: 210 x 220 x 80mm

Weight: 2.2 Kg

Packing: Individual Box; PC, Power supply, Power cable.

I/O PORTS



Front



Rear

CONNECTIVITY OPTIONS

PRODUCT VALUES

- > Voltage range 24V
- > High-performance processor, compatible with Windows 11.
- > 3 COM ports configurable as RS485.
- > Double RJ45 LAN network connection.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Very low power consumption.
- > Significant number of USB / COM connections.

MOST COMMON APPLICATIONS

- > Artificial vision
- > Automation
- > Robot guidance
- > Industrial control systems (SCI)
- > Metrology
- > Distributed control systems / SCADA
- > Data acquisition systems (DAQs)
- > Product classification
- > Assembly lines at the factory
- > Mounting on transport vehicles
- > Wireless station (Wifi/4G/GPS)

APPLICATION SECTORS

- > Artificial intelligence
- > Aerospace
- > Automobile
- > Data Centers
- > Distribution
- > Naval Sector
- > Pharmaceutical Industry
- > Transport and Logistics
- > Meat Industry
- > Fishing vessels
- > Shipyards

SOME SUCCESS STORIES

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

ALTERNATIVE REFERENCES

- > Pc industrial i5 1135g7 V2
- > Pc industrial i5 8250u V2

CERTIFICATIONS



CONNECTIONS



CONNECTIONS Y DIMENSIONS

