

PC Embedded Series

Fanless Industrial Computers

Industrial Components

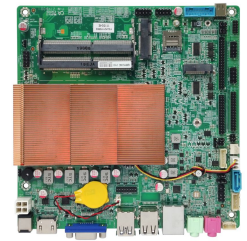


Elevation

Industrial PC INTEL i7 up to 4.7Ghz 11th generation with 1165G7 processor (Quad Core / 8 threads).

Rugged fanless computer in black aluminum chassis, with passive cooling system without the use of fans to achieve protection against 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. DC 24V power supply.



Indoor

TECHNICAL SPECIFICATIONS

OTHER TECHNICAL DATA

I/O PORTS

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel i7 1165G7 4.7Ghz
Resolution: 4096x2304@60Hz (HDMI)
RAM: Supports up to 32GB 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
Power Supply: DC 24V (4A)
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)

Anchoring Type: Embedded (Built-in) yes, VESA no, RACK no.
Processor Frequency: Min. 2.4 GHz. Max turbo 4.7 GHz. 12MB Cache
Graphics: Intel® Iris® Xe Graphics
RAM: 0 Gb on Board + 2 DDR4 Socket
STORAGE: SSD m.2 NVMe * Check capacities.
Audio: Realtek HD ALC662 Line-out and MIC
LAN: 2 ethernet 1* Intel WGI219 LM + 1* Realtek 8111H
GPIO: Optional (check)
Power: 1 x Power Button 1x Reset Button + 1x Clear CMOS button
IP Protection: IP50. Dust entry cannot be avoided, but it must not enter in such a quantity that it interferes with the correct operation of the equipment. No water protection.
Waterproof box: For greater IP protection (OPTIONAL)
Wireless: Intel Wifi card Intel 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: 210 x 220 x 80 mm
Weight: 2.2 Kg
Packing: Individual Box; PC, Power Supply, Power Cable.



Frontal



Rear

CONNECTIVITY OPTIONS

PRODUCT VALUES

- > 24V voltage range
- > 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

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

APPLICATION SECTORS

- > Artificial Intelligence
- > Aerospace
- > Automotive
- > 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 i3 1115g4 24v
- > Pc industrial i5 1135g7 V2

CERTIFICATIONS



CONNECTIONS

CONNECTIONS and DIMENSIONS

