

Serie PC Embedded

Fanless Industrial Computers

Componentes Industriales

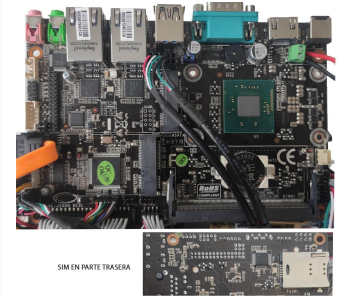


Elevation

Industrial PC INTEL Celeron J1900 2.0GHZ 3rd generation with J1900 processor (Quad Core / 4 threads).

Fanless ruggedised computer in black aluminium chassis, with passive cooling system without the use of fans for total noise elimination.

It has double HDMI and VGA video output for the connection of 2 monitors. Programming functions with GPIO (input / output). Dual



SIN EN PARTE TRASERA

Indoor

TECHNICAL SPECIFICATIONS

OTHER TECHNICAL DATA

PORTS I/O

**Direct Importer:** Grupo EOS Ibérica SA

- Processor:** Intel Celeron J1900 2.0Ghz
- Resolution:** 1920x1080 Mpx
- RAM:** Supports up to 8GB SODIMM DDR3/2800
- ROM:** SSD SATA / SSD MSATA / HDD SATA
- Audio:** 1x Jack 2.5; Speakers
- Socket:** 1x RAM / 1x SATA / 1x MiniPCIe / 1x mSATA
- Ports:** 1xUSB 3.0 + 5x2.0 / 1xHDMI / 6x COM
- LAN:** 2xRJ45
- OS:** Windows 7, 8, 10, Linux Compatible
- Power supply:** DC100-240V AC input / DC12v/6A output
- Power consumption:** ~ 15-35 watts
- Vibration:** Highly vibration resistant
- Humidity:** 0% ~ 90% (non-condensing)
- Operating temp.:** 0°C~60°C
- Storage temp.:** -20°C~85°C (SSD)
- Warranty:** 1 Year (Extendable up to 3 years)

- Mounting Type:** Embedded yes, VESA no, RACK no.
- Processor Frequency:** Minimum 2.0Ghz, maximum 2.42Ghz.
- Graphics:** Integrated Intel HD Z3700 series
- RAM:** 0 Gb on Board + 1 Socket SODIMM/1,35v (4/8Gb)
- ROM:** SATA SSD / MSATA SSD (120, 240Gb) / SATA HDD (500Gb, 1Tb) \* Consult other capacities.
- Audio:** Realtek HD ALC662. 1 x Mic, 1 x Line-out
- LAN:** 2 x Realtek intel i211AT 10/100/1000Mbps. Wake on Lan.
- 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:** Mini PCI Express Intel 7260BN. WiFi 802.11 b/g/n (OPTIONAL)
- GPS:** Mini PCI Express u-Blox pci-5s-1 - 500.
- 3G:** Mini PCI Express Huawei EM770w. (OPTIONAL)
- 4G/GPS:** Mini PCI Express Huawei ME909u-521. (OPTIONAL)
- Dimensions:** 186 x 150 x 66 mm (LxWxH)
- Weight:** 1.1 Kg
- Packing:** Single Box; PC, Power Supply, Power Cable, Drivers.



Front



Back

CONNECTIVITY OPTIONS

PRODUCT VALUES

- > GPIO isolated digital outputs for programming device functions.
- > Dual power input type
- > Good performance at very low cost.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Resistant to high temperatures and humidity.
- > Expandable equipment in its configuration, up to 8gb of RAM memory.
- > Possibility of Wifi / GPS / 3G and 4G connection with SIM card slot.

MOST COMMON APPLICATIONS

- > Embedded applications
- > Sensor control
- > Motor activation
- > Industrial control systems (ICS)
- > HMI control panels
- > Distributed control systems / SCADA
- > Data acquisition systems (DAQs) > Data acquisition systems (DAQs)
- > Integration in electrical panels
- > Factory assembly lines
- > Mounting on transport vehicles > Wireless station (Wifi/4G)
- > Wireless Station (Wifi/4G/GPS)

SECTORS OF APPLICATION

- > Hospitality industry
- > Kiosk industry
- > Automotive
- > Data Centers
- > Distribution
- > Marine Industry
- > Pharmaceutical Industry
- > Transport and Logistics
- > Meat Industry
- > Fishing Vessels
- > Shipyards

SOME SUCCESS STORIES

- > Integration in production lines
- > Embedded applications
- > Catering chains

REFERENCIAS ALTERNATIVAS

- > Pc industrial N2800
- > Pc industrial N2930
- > Pc industrial i5 3317u

CERTIFICATIONS

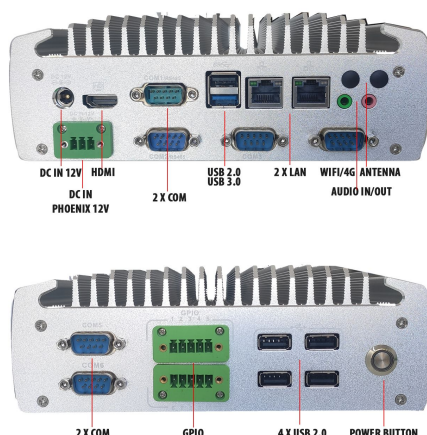


**WiFi module:** Intel 7260BN  
**WiFi antenna:** Yes  
**Connection cable:** Yes  
**SMA extender:** Optional

**GPS module:** u-Blox pci-5s-1-500  
**GPS antenna:** Yes  
**Connection cable:** Yes  
**SMA extender:** Optional

**4G/GPS module:** ME909u-521  
**4G/GPS antennas:** Yes  
**Connection cable:** Yes

CONNECTIONS



DIMENSIONS

