

PC Embedded Serie

Fanless Industrial Computers

Industrial components



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. Possibility to expand RAM memory to 8gb. 2 lan. COM ports, two of them can be configured with RS485/RS422 protocols.



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:** Soporta hasta 8GB SODIMM DDR3/2800
- ROM:** SSD SATA / SSD MSATA (120, 240Gb) / HDD SATA (500Gb, 1Tb) \* Consultar otras capacidades.
- Audio:** 1x Jack 2,5; Loudspeakers
- Socket:** 1x RAM / 1x SATA / 1x MiniPCIE / 1x mSATA
- Ports:** 2xUSB 3.0 + 4x2.0/ 1xHDMI / 1xVGA / 6x COM
- LAN:** 2xRJ45
- SO:** Windows 7, 8, 10, Linux Compatible
- Source:** DC100-240V AC input / DC12V/6A output
- Consume:** ~ 15-35 wattios
- Vibration:** Highly resistant to vibrations
- Humidity:** 0% ~ 90% (non-condensing)
- Operating temp.:** -10°C~70°C
- Storage temp.:** -20°C~85°C (SSD)
- Guarantee:** 1 Year (Extendable up to three years)

- Type of Anchorage:** Embedded yes, VESA no, RACK no.
- Processor Frequency:** Minima 2Ghz and maximum 2,42Ghz
- Graphic:** Integrated Intel HD Serie Z3700.
- RAM:** 0 Gb en Placa + 1 Socket SODIMM/1,35v (4/8Gb) .
- ROM:** SSD SATA / SSD MSATA (120, 240Gb) / HDD SATA (500Gb, 1Tb) \* Consultar otras capacidades.
- Audio:** Realtek HD ALC662. 1x Mic, 1x Line-out.
- LAN:** 2 X Realtek RTL8111DL 10/100/1000Mbps. Wake on Lan.
- 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:** Mini PCI Express Intel 7260BN. WiFi 802.11 b/g/n (OPTIONAL).
- GPS:** Mini PCI Express u-Blox pci-5s-1 - 500. (OPTIONAL) .
- 3G:** Mini PCI Express Huawei EM770w. (OPTIONAL).
- 4G/GPS:** Mini PCI Express Huawei ME909u-521. (OPTIONAL).
- Dimensions:** 234 x 200 x 53 mm (LxWxH).
- Weight:** 2'5 Kg.
- Packing:** Single Box; PC, Power Supply, Power Cable, Drivers.



Front



Back

CONNECTIVITY OPTIONS

PRODUCT VALUES

- > Dual video output and dual ethernet
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > Expandable equipment in its configuration, up to 8gb of RAM memory.
- > Possibility of Wifi or 4G / GPS connection.
- > Very low power consumption.
- > Significant number of USB / COM connections.

**WiFi module:** Intel 7260BN  
**WiFi antenna:** Sí  
**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:** ME909u-521  
**4G/GPS antenna:** Yes  
**Connecting cable:** Yes

MOST COMMON APPLICATIONS

- > Interactive, multimedia kiosks.
- > Self-paid, unattended kiosks.
- > Industrial control systems (ICS).
- > HMI control panels.
- > Distributed control systems / SCADA.
- > Data acquisition systems (DAQs).
- > Integration in electrical panels.
- > Factory assembly lines.
- > Assembly in transport vehicles.
- > Wireless station (Wifi/4G/GPS).
- > Outdoor advertising and Digital Signage.

MOST COMMON SECTORS

- > Hospitality industry.
- > Kiosk industry.
- > Automotive.
- > Data centres.
- > Distribution.
- > Naval sector.
- > Pharmaceutical Industry.
- > Transport and Logistics.
- > Meat Industry.
- > Fishing Vessels.
- > Shipyards.

SUCCESS STORIES

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

ALTERNATIVE REFERENCES

- > Industrial PC N2800.
- > Industrial PC N2930.
- > Pc industrial i5 3317u.

CERTIFICATIONS



CONNECTIONS

DIMENSIONS

