

PC Embedded Serie

Fanless Industrial Computers

Industrial components



Elevation

2GHZ INTEL Industrial PC with Celeron J1900 processor (Quad Core / 4 threads).

Rugged fanless computer in aluminium chassis, with fanless passive cooling system for total noise elimination and dust resistance.

Dual RJ45 LAN network card, 6 RS232 serial ports, COM1 and COM2 port configurable to RS422 or RS485. Dual VGA and HDMI video output. Wide power input range: voltage from 9v to 36v. Slot for PCI port, GPIO (phoenix terminal). LED indicators.



Indoor

TECHNICAL SPECIFICATIONS

OTHER TECHNICAL DATA

PORTS/I/O

Direct Importer: Grupo EOS Ibérica SA

- Processor:** Intel Celeron J1900 2Ghz
- Resolution:** 1920x1080 Mpx
- RAM:** 4GB integrated on board
- ROM:** SSD SATA / SSD MSATA / HDD SATA
- Audio:** 1x Jack 2.5; Loudspeakers
- Socket:** 1x SATA / 2x MiniPCIE / 1x mSATA
- Ports:** 2xUSB 3.0 / 4xUSB 2.0 / 1xVGA / 1xHDMI// 6x RS232
- LAN:** 2xRJ45
- SO:** Windows 7, 8, 10, Compatible Linux
- Source:** DC100-240V AC input / **DC 9v-36v**
- Consume:** ~ 18-35 watts
- Vibration:** Highly resistant to vibrations
- Humidity:** 0% ~ 95% (non-condensing)
- Operating temp.:** -10°C~50°C
- Storage temp.:** -20°C~85°C (SSD)
- Guarantee:** 1 Year (Extendable up to three years)

- Type of Anchorage:** Embedded yes both vertically and horizontally, VESA no, RACK no.
- Processor Frequency:** Minima 2Ghz and maximum 2,42Ghz
- Graphic:** Intel® HD Graphics for Intel Atom® Processor Serie Z3700
- RAM:** 4 Gb on Board, no more memory supported.
- ROM:** SSD SATA / SSD MSATA (120, 240Gb) / HDD SATA (500Gb, 1Tb) * Other capacities on request.
- Audio:** Realtek HD ALC662 Line-out and MIC
- LAN:** 2 x Intel 82583V 10/100/1000M Lan card, supports wake on lan, PXE
- 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 6300 o N-6205. WiFi 802.11 b/g/n (OPTIONAL)
- GPS:** Mini PCI Express u-Blox pci-5s-1 - 500. (OPTIONAL)
- 3G/GPS:** Mini PCI Express Huawei EM770w. (OPTIONAL)
- 4G/GPS:** Mini PCI Express Huawei ME909u-521. (OPTIONAL)
- Dimensions:** 185 x 175 x 100 mm (WxLxH)
- Weight:** 1 Kg
- Packing:** Single Box; PC, Power Supply, Power Cable, Drivers.



Front



Back

CONNECTIVITY OPTIONS

PRODUCT VALUES

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

- > Wide input voltage range: 9v - 36v
- > 6 COM ports and PCI slot
- > Heat dissipation on all sides of the chassis.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > Quad core industrial PC

MOST COMMON APPLICATIONS

- > Installation on ships, vessels, shipping companies.
- > Integration in electrical panels
- > Industrial automatism
- > Self-payment, unattended kiosks
- > Industrial control systems (ICS)
- > HMI control panels
- > Distributed control systems / SCADA
- > Data acquisition systems (DAQs) > Data acquisition systems (DAQs)
- > Factory-floor assembly lines
- > Wireless Station (Wifi/4G/GPS)
- > Outdoor advertising and Digital Signage.

MOST COMMON SECTORS

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

SUCCESS STORIES

- > On-board computer
- > Factory assembly
- > Assembly for automation processes

ALTERNATIVE REFERENCES

- > Industrial PC N2800
- > Industrial PC D2550 V2
- > Pc industrial i5 3317u

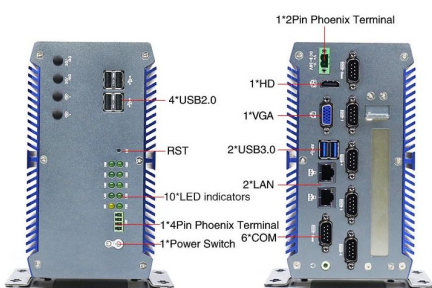
CERTIFICATIONS



CONNECTIONS

TYPE OF ANCHORAGE

DIMENSIONS



Recessed bracket (included)



DIN attachment (optional)

