

PC Embedded Series

Fanless Industrial Computers

Industrial Components



Elevation

8th generation INTEL i5 1.6GHZ-3.4GHZ Industrial PC with 8250U 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 double HDMI/VGA or HDMI/DP video output for connecting 2 HD monitors. Of its 6 COM ports, COM2 can be configured with RS485 / RS422 protocols. 1 x LAN.



Indoor

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel 8250U i5 1.6-3.4Ghz
Resolution: 4096x2304
RAM: Supports up to 32GB SODIMM DDR4 2133/2400MH
ROM: M.2 SSD / SATA SSD / SATA HDD
Audio: 2x Jack 2.5; Speakers/MIC
Socket: 2x DDR4 RAM / 2x SATA / 1x MiniPCIe / 1x m.2 sata.
Ports: 6xUSB 2.0/2xUSB 3.0/1xHDMI/1xVGA/6x RS232
LAN: 1xRJ45 network card.
OS: Windows 7, 8, 10, Linux Compatible
Source: DC100-240V AC input / DC12v/6A output
Consumption: ~15-37 watts
Vibration: Very resistant to vibrations
Humidity: 0% ~ 90% (non-condensing)
Temp. Operation: 0°C~70°C
Temp. Storage: -20°C~85°C
Warranty: 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

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

Processor Frequency: Minimum 1.6Ghz, maximum 3.4Ghz.
Graphics: Integrated Intel UHD 620, Supports DVM, HDMI and VGA or HDMI and DP connection.
RAM: 0 Gb on Board + 2 Socket SODIMM/1.35v (4/8/16/32gb)
ROM: SATA SSD / MSATA SSD (120, 240Gb) / SATA HDD (500Gb, 1Tb) * Consult other capacities.
Audio: Realtek HD ALC662 Line-out and MIC
LAN: 1 x Realtek RTL811DL 10/100/1000Mbps. Wake on Lan. PXE
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: Mini PCI Express Intel 7260BN. 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: 234 x 150 x 43mm (LxWxH)
Weight: 2.5 Kg
Packing: Individual Box; PC, Power supply, Power cable, Drivers.

I/O PORTS



Frontal



Rear

CONNECTIVITY OPTIONS

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

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

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

PRODUCT VALUES

- > High processing capacity with eighth generation processor
- > Maximum connectivity with Wifi / 4G / GPS in the same configuration.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > Very low power consumption.
- > Significant number of USB / COM connections

MOST COMMON APPLICATIONS

- > Interactive, multimedia kiosks
- > Self-checkout kiosks, unattended
- > Industrial control systems (SCI)
- > HMI control panels
- > Distributed control systems / SCADA
- > Data acquisition systems (DAQs)
- > Integration into electrical panels
- > Assembly lines at the factory
- > Mounting on transport vehicles
- > Wireless station (Wifi/4G/GPS)
- > Outdoor advertising and Digital Signage.

APPLICATION SECTORS

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

SOME SUCCESS STORIES

- > Unattended stall at gas stations
- > Payment terminal integration on highways
- > Assembly on trains and buses

ALTERNATIVE REFERENCES

- > Pc industrial i5 6200u SLV
- > Panel pc industrial i5 4200u
- > Pc industrial i5 3317u

CERTIFICATIONS



CONNECTIONS

VERSION V2 (VGA + HDMI)



VERSION V4 (DP + HDMI)



DIMENSIONS

