



Elevation

6th generation INTEL i3 2.3GHZ Industrial PC with 6100u processor (Dual Core / 4 threads).

Very robust, rugged fanless computer, with black aluminum chassis and passive cooling system without the use of fans for total noise elimination.

It has 5 Ethernet ports, 4 of them with Power over Ethernet (PoE), 802.3af standard. Two 18-pin GPIOs with optocoupler isolation function. VGA/HDMI video outputs and 9v-36v wide voltage input.



Indoor

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel 6100u i3 2.3Ghz.
Max resolution: 4096x2304@60Hz.
RAM: Supports up to 16GB SODIMM DDR4/1866.
ROM: SATA SSD / MSATA SSD / SATA HDD.
Audio: No audio inputs.
 Socket: 1x DDR4 RAM / 1x SATA 3.0 / 1x MiniPCIe / 1x mSATA.
Ports: 4xUSB 3.0 / 1xHDMI / 1xVGA / 2xRS232/485/422 / 2 x GPIO.
 LAN: 5xRJ45
OS: Windows 7, 8, 10, Linux Compatible.
Source: DC-IN 9-36V 12V/12.5A adapter.
Consumption: ~ 35-80 watts.
Vibration: Very resistant to vibrations.
Humidity: 0% ~ 95% (non-condensing).
Temp. Operation: 0°C~50°C.
Temp. Storage: -20°C~60°C (ssd).
Warranty: 1 Year (Extendable up to 3 years).

OTHER TECHNICAL DATA

Anchor Type: Embedded yes, VESA no, RACK no.
Processor Frequency: Minimum 2.3Ghz, maximum 30Ghz.
Graphics: Integrated Intel HD520 Supports DVMT, HDMI / VGA Connection.
RAM: 0 Gb on Board + 1 SODIMM/1.20v DDR4 Socket (4/8/16Gb).
ROM: SATA SSD / MSATA SSD (120, 240Gb) / SATA HDD (500Gb, 1Tb) * Consult other capacities.
Audio: Realtek HD ALC662 Line-out and MIC.
LAN: 5 x Intel L211 10/100/1000Mbps. 4 of them POE 802af
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).
4G/GPS: Mini PCI Express Huawei ME909u-521. (OPTIONAL)
Dimensions: 237*164*71mm (LxWxH)
Weight: 3.2 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

- > POE network ports.
- > High processing capacity.
- > Five RJ45 LAN network connections.
- > Maximum connectivity with Wifi / GPS / 4G in the same configuration.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > Significant number of USB 3.0 connections.

MOST COMMON APPLICATIONS

- > Control with cameras on the production line
- > PLC communication and control
- > Self-checkout kiosks, unattended.
- > Industrial control systems (SCI).
- > Connect with HMI control panels.
- > Distributed control systems / SCADA.
- > Data acquisition systems (DAQs).
- > Integration into electrical panels.
- > Mounting on transport vehicles.
- > Wireless station (Wifi/GPS/4G).
- > Outdoor advertising and Digital Signage.

APPLICATION SECTORS

- > Videosecurity / Video surveillance
- > Kiosk industry.
- > Automation
- > Aerospace.
- > Automobile.
- > Distribution.
- > Naval Sector.
- > Pharmaceutical Industry.
- > Transportation and Logistics.
- > Lighting controller
- > Shipyards.

SOME SUCCESS STORIES

- > Unattended stall at gas stations.
- > Highway payment terminal integration.
- > Assembly on trains and buses.

ALTERNATIVE REFERENCES

- > Pc industrial i3 7100u.
- > Pc industrial i5 7200u.
- > Panel pc industrial i5 4200u.

CERTIFICATIONS



CONNECTIONS



DIMENSIONS

