



Elevation

Industrial PC INTEL i7 1.0GHZ-4.9GHZ 10th generation with 10810u processor (**6 Cores / 12 threads**).

Fanless ruggedised computer in black aluminium chassis, with passive cooling system without the use of fans for protection against dusty environments.

It has double **HDMI/DP** video output for the connection of 2 HD monitors. Its 2 COM ports can be configured with RS485 / RS422 protocols. It has 2 x LAN perfect for Nic Teaming.



Indoor

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel i7 10810u 1.0-4.9Ghz
Resolution: 4096 x 2304@60Hz (DP)
RAM: Supports up to 16GB SODIMM DDR4 2133/2400MH
Storage: M.2 SSD
Audio: 1x Jack 2.5: Speakers/ MIC
Socket: 1x RAM ddr4 / 1x MiniPCIe / 1x m.2 sata
Ports: 2xUSB 2.0/4xUSB 3.0/1xHDMI/1xDP/2x RS232
LAN: 2xRJ45 network card
OS: Windows 7, 8, 10, Linux Compatible
Power supply: DC100-240V AC input/ DC12v/7.5A output
Power consumption: ~ 15-37 watts
Vibration: Highly vibration resistant
Humidity: 0% ~ 90% (non-condensing)
Operating temp.: 50°C
Storage Temp: -20°C~85°C
Warranty: 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

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

Processor Frequency: Minimum 1.0Ghz, maximum 4.9Ghz.

Graphics: Integrated Intel UHD 620, DVMIT support, HDMI and VGA connection.

RAM: 0 Gb on Board + 1 Socket SODIMM/1.35v (4/8Gb).

ROM: M2 SATA SSD (120, 240Gb/480GB/1TB). Supports RAID 0/1.

Audio: Realtek HD ALC662 Line-out and MIC.

LAN: 2 x Intel i211-AT 10/100/1000M. Wake on Lan. PXE

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/GPS: Mini PCI Express Huawei EM770w. (OPTIONAL).

4G/GPS: Mini PCI Express Quectel EC25-E (OPTIONAL). Front SIM.

Dimensions: 186 x 126.5 x 66 mm (LxWxH).

Weight: 13 Kg.

Packing: Individual Box; PC, Power Supply, Power Cable, Drivers.

I/O PORTS



Front



Back

CONNECTIVITY OPTIONS



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: Quectel EC25-E
4G/GPS antennas: Yes
Connection cable: Yes

PRODUCT VALUES

- > High processing power with 10th generation i7 processor.
- > 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

- > Industrial control systems (ICS)
- > Interactive, multimedia kiosks
- > Self-pay, unattended kiosks
- > 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)
- > Outdoor advertising and digital signage

APPLICATION SECTORS

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

SOME SUCCESS STORIES

- > Unattended kiosk at petrol stations
- > Integration of payment terminals on motorways
- > Installation in trains and buses

ALTERNATIVE REFERENCES

- > Industrial PC i7 6500u SLV
- > Industrial PC i7 8550u v2

CERTIFICATIONS



CONNECTIONS



DIMENSIONS

