



Elevation

Industrial PC INTEL i5 4,4GHZ 12th generation with 1235U processor (10 Cores / 12 threads).

Rugged fanless computer in aluminium chassis in grey colour, small size, with passive cooling system without using fans to achieve protection against dusty environments. It has double **HDMI** 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. Includes **TPM**.



TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel 1235u i5 4,4Ghz
Resolution: 4096x2304
RAM: Supports up to 16GB SODIMM DDR4 2133/2400MH
Storage: M.2 2280 NVMe SSD
Audio: 1x 2.5 Jack: Speakers/ MIC
Socket: 1x RAM ddr4 / 1x MiniPCIE (Wifi) / 1*M.2 3052 B-key (4G) / 1x m.2 NVMe 2280
Ports: 4 x USB 3.1 / 2xHDMI / 2x RS232
LAN: 2xRJ45 network card
OS: Windows 7, 8, 10, 11. Linux Compatible
Power supply: DC100-240V AC input / DC12v/6A output
Power consumption: ~ 25-50 watts
Vibration: Highly vibration resistant
Humidity: 0% ~ 90% (non-condensing)
Operating temp.: -20°C~50°C
Storage temp.: -20°C~85°C
Warranty: 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

Mounting Type: Embedded (Embeddable) no, VESA yes, RACK no

Processor Frequency: Minimum 3.3Ghz, maximum 4.4Ghz
Graphics: Intel® Iris® Xe Graphics
RAM: 0 Gb on Board + 1 Socket SODIMM/1,35v (4/8/16Gb)
ROM: M2 NVMe SSD (120, 240Gb/480GB/1TB)
Audio: Realtek HD ALC662 Line-out and MIC
LAN: 2 x RTL8111H Gigabit Ethernet
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 Huawei ME909u-521. (OPTIONAL). Front SIM
Dimensions: 170 x 140 x 58 mm (LxWxH)
Weight: 11 Kg
Packing: Individual Box; PC, Power Supply, Power Cable, Drivers

I/O PORTS



Front



Rear

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

PRODUCT VALUES

- > High processing power with 12th generation processor
- > Supports 2 HDMI 4K outputs
- > TPM (trusted platform module): If enabled / disabled in BIOS
- > Maximum connectivity with Wifi / 4G / GPS in a single 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-pay, unattended kiosks
- > Industrial control systems (ICS)
- > 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

- > eNX i5 10310u industrial PC
- > Industrial pc eNX i7 10810u

CERTIFICATIONS



CONNECTIONS AND PACKING



DIMENSIONS

