



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:** 2xUSB 2.0 / 4xUSB 3.0 / 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

