



Industrial PC INTEL i5 1.7GHZ-4.4GHZ 10th generation with 10310U processor (Quad Core / 8 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. **Includes TPM.**



Inside

## TECHNICAL SPECIFICATIONS

**Direct Importer:** Grupo EOS Ibérica SA  
**Processor:** Intel 10310U i5 4,4Ghz  
**Resolution:** 4096x2304  
**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, 11. Linux Compatible  
**Power supply:** DC100-240V AC input / DC12v/6A 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 (Embeddable) no, VESA yes, RACK no.

**Processor Frequency:** Minimum 1.6Ghz, maximum 3.4Ghz  
**Graphics:** Intel® UHD Graphics for 10th Gen Intel® Processors  
**RAM:** 0 Gb on Board + 1 Socket SODIMM/1.35v (4/8Gb)  
**ROM:** M2 SATA SSD (120, 240Gb/480Gb/1TB)  
**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 Huawei ME909u-521. (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



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 10th generation processor
- > TPM (trusted platform module): If activated / deactivated in BIOS
- > 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-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

## SOME SUCCESS STORIES

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

## APPLICATION SECTORS

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

## ALTERNATIVE REFERENCES

- > Industrial PC i7 8550u
- > Industrial PC i3 1135g4

## CERTIFICATIONS



## CONNECTIONS



## DIMENSIONS

