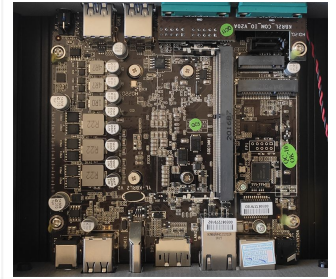Industrial PC INTEL i5 1.7GHZ-4,4GHZ 10th generation with 10310U processor (Quad Core / 8 threads).

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:** 1'3 Kg
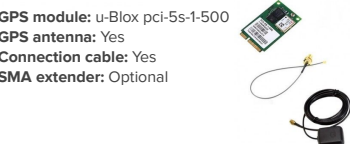**Packing:** Individual Box; PC, Power Supply, Power Cable, Drivers
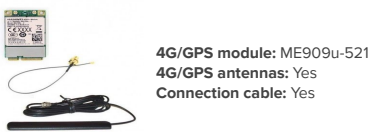
## I/O PORTS

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

### 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
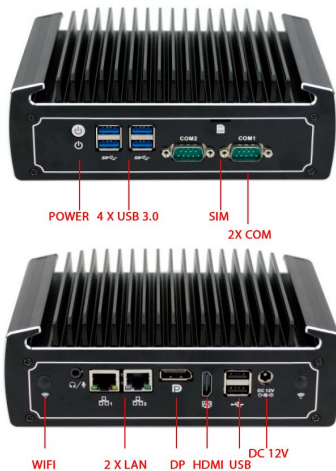> Installation in trains and buses

### ALTERNATIVE REFERENCES

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

## CERTIFICATIONS

LEAD FREE RoHS COMPLIANT

intel

IP 50

CCC

FC

CE

## CONNECTIONS

POWER   4 X USB 3.0   SIM   2X COM

WIFI   2 X LAN   DP   HDMI   USB   DC 12V

## DIMENSIONS

66

186

126.5