

eRX i7-6500u

RUGGED INDUSTRIAL COMPUTER



PC Embedded Series

Fanless Industrial Computers

Industrial Components



Elevation

Industrial PC INTEL i7 2.5GHZ 6th generation with 6500u processor (Dual Core / 4 threads).

Rugged fanless computer in black aluminum chassis, with passive cooling system without the use of fans for total noise elimination.

It has double HDMI / VGA video output for the connection of 2 HD monitors. Wifi or 4G / GPS connectivity options. Of its 6 COM ports, one of them can be configured with RS485 / RS422 protocols. Double LAN.



Indoor

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA

Processor: Intel 5500U i7 2.4Ghz
Resolution: 4096x2304@24Hz (HDMI)
RAM: Supports up to 16GB SODIMM DDR3
ROM: SATA SSD / MSATA SSD / SATA HDD
Audio: 2x Jack 2.5; Speakers/MIC
Socket: 2x RAM / 1x SATA / 1x MiniPCIE / 1x mSATA
Ports: 4xUSB 2.0/2xUSB 3.0/1xHDMI/1xVGA/6x RS232 (1 configurable to RS485)
LAN: 2xRJ45. Dual Network Card.
OS: Windows 7, 8, 10, Linux Compatible
Power Supply: DC100-240V AC input / DC12v/6A output
Consumption: ~ 15-37 watts
Vibration: Very resistant to vibrations
Humidity: 0% ~ 90% (without Condensation)
Operating Temp.: 0°C~70°C
Storage Temp.: -20°C~85°C
Warranty: 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

Anchoring Type: Embedded (Built-in) yes, VESA no, RACK no.

Processor Frequency: Minimum 2.5Ghz, maximum 3.1Ghz.
Graphics: Integrated Intel HD 520, Supports DMT, HDMI and VGA Connection.
RAM: 0 Gb on Board + 2 SODIMM/1.35v Socket (4/8Gb)
ROM: SSD SATA / SSD MSATA (120, 240Gb) / HDD SATA (500Gb, 1Tb) * Consult other capacities.
Audio: Realtek HD ALC662 Line-out and MIC
LAN: 2 x Realtek RTL8111DL 10/100/1000Mbps or Intel 82574L. 10/100/1000Mbps. Wake on Lan.
IP Protection: IP50. Dust ingress cannot be avoided, but dust must not enter in such a quantity that it interferes with the correct operation of the equipment. No water protection.
Watertight box: For greater 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. (OPTIONAL)
3G/GPS: Mini PCI Express Huawei EM770w. (OPTIONAL)
4G/GPS: Mini PCI Express Huawei ME909u-521. (OPTIONAL)
Dimensions: 234 x 150 x 43 mm (LxWxH)
Weight: 2'5 Kg
Packing: Individual Box; PC, Power Supply, Power Cable, Drivers.

I/O PORTS



Frontal

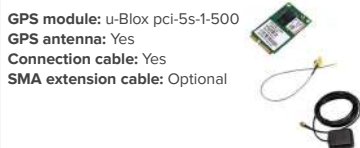


Rear

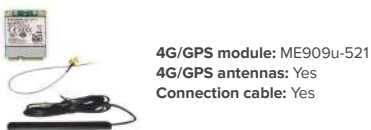
OPCIONES DE CONECTIVIDAD



WiFi module: Intel 7260hmv
WiFi antenna: Yes
Connection cable: Yes
SMA extension cable: Optional



GPS module: u-Blox pci-5s-1-500
GPS antenna: Yes
Connection cable: Yes
SMA extension cable: Optional



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

PRODUCT VALUES

- > High processing capacity
- > Double RJ45 LAN network connection
- > Maximum connectivity with Wifi or 4G / GPS.
- > 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-checkout, unattended kiosks
- > Industrial control systems (ICS)
- > HMI control panels
- > Distributed control systems / SCADA
- > Data acquisition systems (DAQs)
- > Integration in electrical panels
- > Factory assembly lines
- > Assembly in transport vehicles
- > Wireless station (Wifi/4G/GPS)
- > Outdoor advertising and Digital Signage.

APPLICATION SECTORS

- > Kiosk industry
- > Aerospace
- > Automotive
- > Data Centers
- > Distribution
- > Naval Sector
- > Pharmaceutical Industry
- > Transport and Logistics
- > Meat Industry
- > Fishing vessels
- > Shipyards

SOME SUCCESS STORIES

- > Unattended station at gas stations
- > Integration of payment terminals on highways
- > Installation on trains and buses

ALTERNATIVE REFERENCES

- > Industrial PC i5 6200u
- > i5 4200u industrial panel pc
- > Industrial PC i5 3317u

CERTIFICATIONS



CONNECTIONS



DIMENSIONS

