

eRX i5-10210u POE

RUGGED INDUSTRIAL COMPUTER



PC Embedded Serie

Fanless Industrial Computers

Industrial components



Elevation

Industrial PC INTEL i5 4.2GHZ 10th generation with 10210u processor (Quad Core / 8 threads).

Fanless computer of small size, rugged, with aluminium chassis in grey colour and passive cooling system without the use of fans for dusty environments.

It has 6 intel i225 ethernet ports, 3 of them with Power over Ethernet (Power over Ethernet, PoE), 802.3af standard. Display Port/HDMI video outputs. TPM (Trusted Platform Module) 2.0 function.



Indoor

PRODUCT PROFILE

Direct importer: Grupo EOS Ibérica SA.
Processor: Intel 10210u i5 2.3Ghz.
Max. resolution.: 4096x2304@60Hz.
RAM: Supports up to 16GB SODIMM DDR4/1866.
ROM: SSD SATA / SSD MSATA / HDD SATA.
Audio: No audio inputs.
Socket: 2x RAM DDR4 / 1x m.2 SATA / 1x MiniPCIE / 1x NGFF (for 5G module)
Ports: 3xUSB 2.0 / 3xUSB 3.0 / 1xHDMI / 1xDP / 1 SIM.
LAN: 6xRJ45 Intel i225 2.5 GbE
SO: Windows 7, 8, 10, 11, Compatible Linux .
Source: DC-IN 12 V/12.5A adapter.
Consume: ~ 35-80 wattios.
Vibration: Highly resistant to vibrations.
Humidity: 0% ~ 95% (non-condensing).
Operating temp.: 0°C~50°C.
Storage temp.: -20°C~60°C (ssd).
Guarantee: 1 Year (Extendable up to three years).

OTHER TECHNICAL DATA

Type of Anchorage: Embedded yes, VESA no, RACK no.
Processor Frequency: Minima 1.6Ghz, maximum 4.2Ghz.
Graphic: Intel® Core™ UHD Graphics for 10th Generation Intel® Processors.
RAM: 0 Gb on Board + 1 Socket SODIMM/1,20v DDR4 (4/8/16Gb).
ROM: SSD M.2 SATA / Capacity on request.
Audio: Realtek HD ALC662 Line-out y MIC.
LAN: 6 x Intel i225 10/100/1000Mbps. 3 of them POE 802.3af
IP Protection: IP50. Dust ingress cannot be prevented, but it must not enter in such a quantity as to interfere with the proper functioning of the equipment. No water protection.
Watertight box: For higher IP protection (OPTIONAL).
Wireless: Mini PCI Express Intel 7260BN. WiFi 802.11 b/g/n (OPTIONAL).
GPS: (OPTIONAL).
4G/5G/GPS: (OPTIONAL)
Dimensions: 186*126*66mm (LxWxH)
Weight: 2'2 Kg
Packing: Single Box; PC, Power Supply, Power Cable, Drivers.

PORTS I/O



Front



Back

CONNECTIVITY OPTIONS



PRODUCT VALUES

- > 3 PoE network ports.
- > High processing capacity.
- > Six network connections LAN RJ45.
- > Maximum connectivity with Wifi / GPS / 4G in one configuration.
- > Resistant to aggressive environments; dust, grease, vibration.
- > Resistant to extreme temperatures and humidity.
- > Very compact and rugged.

MOST COMMON APPLICATIONS

- > In-line camera control.
- > PLC communication and control.
- > Self-pay kiosks, unattended.
- > Industrial control systems (ICS).
- > Connect to HMI control panels.
- > Distributed control systems / SCADA.
- > Data Acquisition Systems (DAQs).
- > Integration in switchboards.
- > Assembly on transport vehicles.
- > Wireless station (Wifi/GPS/4G).
- > Outdoor Advertising and Digital Signage.

MOST COMMON SECTORS

- > Videosecurity / Video-surveillance
- > Kiosk industry.
- > Automation.
- > Aerospace.
- > Automobile.
- > Distribution.
- > Naval sector.
- > Farmaceutical industry.
- > Transport and logistics.
- > Lighting controller
- > Shipyards

SUCCESS STORIES

- > Unattended stall at petrol stations.
- > Motorway payment terminal integration.
- > Assembly on trains and buses.

ALTERNATIVE REFERENCES

- > Industrial PC i3 6100u POE.

CERTIFICATIONS



PACKING AND SUPPORT



CONNECTIONS



DIMENSIONS

