

Mini PC Series

Fanless Industrial Computers

Industrial Components



Elevation

Industrial PC INTEL Ultra 5 4,3GHZ of **14th generation** with 125U processor (**12 Cores / 14 threads**).

Rugged fanless computer in grey aluminium chassis, small size, with passive cooling system without using fans for protection against dusty environments.

It has 4 video outputs: **3 x HDMI + 1 Type C** for the connection of 4 simultaneous 4K monitors. Its 2 COM ports can be configured with RS485 / RS422 protocols. It features 3 x LAN and **TPM 2.0**



Front



Rear

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel Ultra 5 125u i5 4,3Ghz
Resolution: 4096x2160 @ 60Hz
RAM: Supports up to 1*DDR5 4800 SODIMM memory slot, Max 32GB.
Storage: SSD M.2 2280 NVMe
Audio: 1x Jack 2.5: Speakers/ MIC
Socket: 1x RAM ddr5 / 1x MiniPCIe (Wifi/4G) / 1x M.2 2230 E-key (Wifi) / 1x m.2 NVMe 2280 PCIe 4.0 X4
Ports: 4xUSB 3.0 / 3xHDMI /2x RS232/RS485
LAN: 3xRJ45 network card.
OS: Windows 7, 8, 10, 11. Linux Compatible
Supply: DC100-240V AC input / DC12V/6A output
Power consumption: ~ 25-55 watts
Vibration: Highly resistant to vibration
Humidity: 5% ~ 95% (non-condensing)
Operating temp.: -10°C~50°C
Storage temp.: -20°C~60°C
Warranty: 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

Mounting Type: Embedded (Embedded) no, VESA yes, RACK yes.
Processor Frequency: Minimum 1.3Ghz, maximum 4.3Ghz.
Graphics: Intel® Graphics 14th Gen.
RAM: 0 Gb on Board + 1 Socket SODIMM/1.1v (16Gb/32Gb)
ROM: SSD M2 NVMe (256Gb/512GB/1TB...)
Audio: Realtek HD ALC662 Line-out and MIC
LAN: 3 Intel i226-V 100/1000/2500Mb
Other features: Auto power on. Timing boot. Wake on LAN. PXE boot. Watchdog (level 0-255), TPM2.0 security encryption. Synchronous display and asynchronous display for 4 screens.
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 case:** For higher IP protection (OPTIONAL).
Wireless: Mini PCI Express Intel 7260BN. WiFi 802.11 b/g/n (OPTIONAL).
4G/GPS: Mini PCI Express 4G QUECTEL EC25-E.
Dimensions: 170 x 140 x 58 mm (LxWxH)
Weight: 11 Kg
Packing: Single Box; PC, Power Supply, Power Cable, Drivers.

I/O PORTS

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: Quectel EC35
4G/GPS antennas: Yes
Connection cable: Yes

PRODUCT VALUES

- > High processing power with 12th generation processor > Support 4 HDMI 4K outputs.
- > Supports 4 HDMI 4K outputs. Synchronous and asynchronous display for 4 screens.
- > TPM (trusted platform module): If enabled / disabled 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)
- > Integration in electrical panels
- > Factory assembly lines
- > Mounting on transport vehicles
- > Wireless station (Wifi/4G/GPS)
- > Outdoor advertising and Digital Signage.

APPLICATION SECTORS

- > Kiosk industry
- > Aerospace
- > Automotive
- > Data Centers
- > Distribution
- > Shipbuilding
- > Pharmaceutical Industry
- > Transport & Logistics
- > Meat industry
- > Fishing vessels
- > Shipyards

SOME SUCCESS STORIES

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

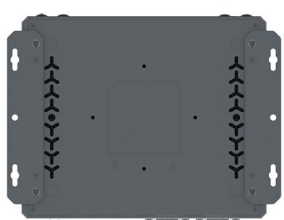
ALTERNATIVE REFERENCES

- > Industrial Pc eNX i5 1235u
- > Industrial Pc eNX i7 10810u

CERTIFICATIONS



SUPPORT AND PACKING



DIMENSIONS

