



Elevation

14th generation INTEL Ultra 7 4.8GHZ Industrial PC with 155U processor (12 cores / 14 threads). Ruggedised fanless computer in a small grey aluminium chassis, with a passive cooling system without fans to provide protection in dusty environments.

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



Front



Back

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel Ultra 7 155U i5 4.8Ghz
Resolution: 4096x2160 @ 60Hz
RAM: Supports up to 1*DDR5 4800 SODIMM memory slot, Max 64 GB.
Storage: SSD M.2 2280 NVMe
Audio: 1x 2.5 Jack: Speakers/ MIC
Socket: 1x RAM ddr5 / 1x MiniPCIE (Wifi/4G) / 1 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
Power supply: DC100-240V AC input / DC12v/6A output
Power consumption: ~ 25-55 watts
Vibration: Highly resistant to vibrations
Humidity: 5% ~ 95% (non-condensing)
Operating temperature: -10°C~50°C
Storage temperature: -20°C~60°C
Warranty: 1 year (extendable to 3 years)

OTHER TECHNICAL DATA

Mounting Type: 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 SODIMM/1.1v socket (16 GB/32 GB)

ROM: SSD M2 NVMe (256 GB/512 GB/1 TB...)

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 it must not enter in such quantities as to interfere with the proper functioning of the equipment. No water protection. Waterproof enclosure: For greater 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: 1.1 kg

Packing: Individual box; PC, power supply, power cable, drivers.

CONNECTIVITY OPTIONS

PRODUCT VALUES

- > High processing capacity with 14th generation processor.
- > Supports 4K HDMI outputs. Synchronous and asynchronous display for 4 screens.
- > TPM (trusted platform module): Enable/disable in BIOS.
- > Maximum connectivity with Wi-Fi/4G/GPS in the same configuration.
- > Resistant to harsh 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-service, unattended kiosks
- > Industrial control systems (ICS)
- > HMI control panels
- > Distributed control systems / SCADA
- > Data acquisition systems (DAQs)
- > Integration into electrical panels
- > Assembly lines on the factory floor
- > Installation in transport vehicles
- > Wireless station (Wi-Fi/4G/GPS)
- > Outdoor advertising and digital signage.

APPLICATION SECTORS

- > Kiosk industry
- > Aerospace
- > Automotive
- > Data centres
- > Distribution
- > Naval sector
- > Pharmaceutical industry
- > Transport and logistics
- > Meat industry
- > Fishing vessels
- > Shipyards

SOME SUCCESS STORIES

- > Unattended kiosks at petrol stations
- > Payment terminal integration on motorways
- > Installation on trains and buses

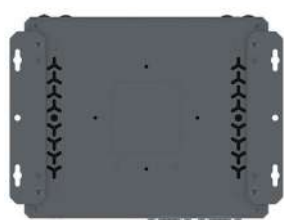
ALTERNATIVE REFERENCES

- > Industrial PC eNX i5 1235u
- > industrial PC eNX i7 10810u

CERTIFICATIONS



SUPPORT AND PACKING



DIMENSIONS

