

Panel PC Series

Fanless Industrial Computers

Industrial Components



Elevation

15" INTEL i7 1.10GHz - 4.90GHz industrial touchscreen panel PC with 10th generation 10810u processor.

15" touchscreen with capacitive or resistive technology and ruggedised fanless computer in grey aluminium chassis, with passive cooling system without the use of fans.

It has an HDMI video output for connecting one external monitor. **4 USB ports** (4 x 3.0). Includes **TPM 2.0** security. VESA mounting system or panel mountable using the supplied brackets. **Wide voltage range 9-36V**.



Interior

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA

Processor: Intel i7 10810u
Resolution: 1024x768 (Native), 350 cd/m2
RAM: Supports up to 16GB SODIMM DDR4
ROM: SSD SATA / SSD M.2 2280 / HDD SATA
Audio: 2x 2.5 jack; Speakers/ MIC
Socket: 1x RAM / 1x SATA / 1x MiniPCIe / 1x M.2
Ports: 4xUSB 3.0 / 1xHDMI / 2 RS232 (COM2 supports RS422/485).
LAN: 2xRJ45
OS: Windows 7, 8, 10, 11. Linux Compatible
Power supply: DC100-240V AC input / DC12v/6A output
Power consumption: ~ 35-65 watts
Vibration: Vibration resistant
Humidity: 5% ~ 95% (non-condensing)
Operating temperature: 0°C~50°C
Storage temperature: -20°C~60°C
Warranty: 1 year (extendable to 3 years)

OTHER TECHNICAL DATA

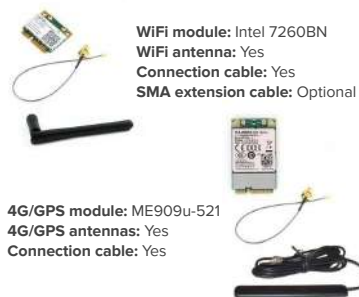
Mounting Type: Panel mountable yes, VESA yes, RACK no.

Processor Frequency: Minimum 1,10Ghz, maximum 4,90Ghz
Graphics: Intel® UHD Graphics for 10th Generation Intel® Processors
RAM: 0 GB on board + 1 SODIMM DDR4 socket (4/8/16 GB)
ROM: SSD 2.5/ SSD M.2 SATA (240 GB, 480 GB) / HDD 2.5 (500 GB, 1 TB) *Check for other capacities.
Audio: Realtek HD ALC662 Line-out and MIC
LAN: Realtek RTL8111F or Intel I210/I211 AT 10/100/1000Mbps. Wake on Lan.
IP protection Screen: IP65 front. Water sprayed from any angle through a 6.3 mm diameter nozzle must not enter, provided that the panel mounting is correct.
IP protection Industrial PC: IP50. Dust ingress cannot be prevented, but it must not enter in such quantities as to interfere with the correct operation of the equipment.
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: 271.5 * 190 * 53 mm (LxWxH)
Weight: 2 Kg
Packing: Individual box; PC, power supply, power cable, drivers.

I/O PORTS



CONNECTIVITY OPTIONS



SIDE MOUNTING SYSTEM OR VESA



PRODUCT VALUES

- > High-precision capacitive touchscreen.
- > 15.6" monitor + HDMI video output.
- > Resistant to harsh environments: dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > Expandable configuration, up to 16 GB of RAM.
- > Option of Wi-Fi or 4G/GPS connection.
- > Very low power consumption.

MOST COMMON APPLICATIONS

- > HMI control panels
- > Integration into electrical panels
- > Industrial control systems (ICS)
- > Distributed control systems / SCADA
- > Data acquisition systems (DAQs)
- > Assembly lines on the factory floor
- > Installation in transport vehicles
- > Wireless station (Wi-Fi/4G/GPS)
- > Outdoor advertising and digital signage.
- > Interactive, multimedia kiosks
- > Self-service, unattended kiosks

APPLICATION SECTORS

- > Agricultural engineering
- > Meat industry
- > Automation
- > Aerospace
- > Automotive
- > Data centres
- > Distribution
- > Naval sector
- > Pharmaceutical industry
- > Transport and logistics
- > Transmission applications

SOME SUCCESS STORIES

- > Interactive kiosks
- > Factory floor assembly
- > Agricultural engineering solutions

ALTERNATIVE REFERENCES

- > 15" ePX15 i5-4200u industrial panel PC
- > 17" ePX17 i5-4200u industrial panel PC
- > 17" IR touchscreen + industrial PC

CERTIFICATIONS



CONNECTIONS



DIMENSIONS

