

Panel PC Series

Fanless Industrial Computers

Industrial Components



Elevation

12.1" INTEL i5 3.9GHZ 8th generation Industrial Touch Panel PC with 8265u processor.

12.1" touch screen with resistive technology and fanless ruggedised computer in a grey aluminium chassis, with passive cooling system without the use of fans.

It has double HDMI and VGA video output for the connection of 1 external monitor. 2 USB ports (2 x 3.0). VESA mounting system or panel mountable with the use of the supplied screw system. **Wide voltage range 9-36V** (phoenix connector).



Inside

TECHNICAL SPECIFICATIONS

**Direct Importer:** Grupo EOS Ibérica  
**Processor:** Intel 8265U i5 3.9Ghz  
**Resolution:** 1024x768 (Native), Ratio 4:3  
**RAM:** Supports up to 16GB SODIMM DDR4/3200 SODIMM  
**ROM:** SSD SATA / m.2 SSD SATA / HDD SATA  
**Audio:** 2x Jack 2.5; Speakers/ MIC  
**Socket:** 1x RAM / 1x SATA / 1x MiniPCIe / 1x m.2 SATA  
**Ports:** 2xUSB 3.0 / 1xHDMI/ 1xVGA/ 6 RS232, 4 on side (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:** ~ 30-70 watts  
**Vibration:** Vibration resistant  
**Humidity:** 5% ~ 90% (non-condensing)  
**Operating temp.:** -10°C~60°C  
**Storage temp.:** -20°C~70°C  
**Warranty:** 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

**Mounting type:** Panel mount yes, VESA yes, RACK no.  
**Processor Frequency:** Minimum 1.6Ghz, maximum 3.9Ghz.  
**Graphics:** Intel® UHD Graphics, Dual HDMI/ VGA output  
**RAM:** 0 Gb on Board + 1 Socket SODIMM/1.35v (4/8/16Gb)  
**ROM:** SSD SATA (240Gb/480Gb) / m.2 SSD SATA / HDD SATA \* Consult other capacities.  
**Audio:** Realtek HD ALC662 Line-out and MIC  
**LAN:** 2 x Realtek RTL8111F or Intel I210/I211 AT 10/100/1000Mbps. Wake on Lan.  
**IP Protection Display:** IP65. Water jetted (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 dust must not enter in such a quantity 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.  
**3G/GPS:** Mini PCI Express Huawei EM770w. (OPTIONAL)  
**4G/GPS:** Mini PCI Express Huawei ME909u-521. (OPTIONAL)  
**Dimensions:** 545 x 337 x 55 mm (LxWxH)  
**Weight:** 3'2 Kg  
**Packing:** Single Box; PC, Power Supply, Power Cable, Drivers.

I/O PORTS



Front



Rear

CONNECTIVITY OPTIONS

**WiFi module:** Intel 7260BN  
**WiFi Antenna:** Yes  
**Connection cable:** Yes  
**SMA extender:** Optional

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

PRODUCT VALUES

- > Monitor 12.1" + Double video output.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > Easy installation and assembly.
- > Expandable equipment in its configuration, up to 8GB of RAM memory.
- > Possibility of Wifi or 4G / GPS connection.
- > Very low power consumption.

MOST COMMON APPLICATIONS

- > HMI control panels
- > Integration in switchboards
- > Industrial control systems (ICS)
- > Distributed control systems / SCADA
- > Data Acquisition Systems (DAQs)
- > Factory assembly lines
- > Mounting on transport vehicles
- > Wireless station (Wifi/4G/GPS)
- > Outdoor advertising and Digital Signage.
- > Interactive kiosks, multimedia
- > Self-paid, unattended kiosks

APPLICATION SECTORS

- > Agricultural engineering
- > Meat industry
- > Automation
- > Aerospace
- > Automotive
- > Data Centers
- > Distribution
- > Naval sector
- > Pharmaceutical Industry
- > Transport & Logistics
- > Transmission applications

CERTIFICATIONS



PANEL MOUNTING SYSTEM



SOME SUCCESS STORIES

- > Meat industry
- > Shop-floor assembly
- > Solutions for agricultural engineering

ALTERNATIVE REFERENCES

- > Panel Pc industrial 17" ePX17 i5-4200u
- > Pantalla táctil IR 21,5" + pc industrial
- > Pantalla táctil IR 19" + pc industrial

CONNECTIONS



DIMENSIONS

