

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

PANEL MOUNTING SYSTEM



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

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

CERTIFICATIONS



CONNECTIONS



DIMENSIONS

