

Panel PC Series

Fanless Industrial Computers

Industrial Components



Elevation

12.1" INTEL i5 1.90GHz industrial touchscreen panel PC with 4th generation 4300u processor.

12.1" capacitive touchscreen monitor and ruggedised fanless computer in black aluminium chassis, with passive cooling system without the use of fans.

It has dual HDMI and VGA video outputs for connecting one external monitor, which, with its own screen, allows it to operate with two screens at the same time. **4 USB ports** (1 x 3.0 and 3 x 2.0). VESA mounting system or panel mountable using the supplied brackets.



Interior

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA

Processor: Intel i5 4300U 1.90GHz

Resolution: 1024x768 (Native)

RAM: Supports up to 8GB SODIMM DDR3/2800

ROM: SSD SATA / SSD MSATA / HDD SATA

Audio: 2x 2.5 jack; Speakers/ MIC

Socket: 1x RAM / 1x SATA / 1x MiniPCIe / 1x mSATA

Ports: 1xUSB 3.0 / 3xUSB 2.0 / 1xHDMI/ 1xVGA/ 2 RS232 (COM2 supports RS422/485).

LAN: 1xRJ45

OS: Windows 7, 8, 10, Linux Compatible

Power supply: DC100-240V AC input / DC12v/6A output

Power consumption: ~ 35-65 watts

Vibration: Vibration resistant

Humidity: 5% ~ 90% (non-condensing)

Operating temperature: -10°C~60°C

Storage temperature: -20°C~70°C

Warranty: 1 year (extendable to 3 years)

OTHER TECHNICAL DATA

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

Processor Frequency: Minimum 1.90GHz, maximum 2.90GHz.

Graphics: Integrated Intel HD 4400 Series. LVDS, Dual HDMI/VGA output

RAM: 0 GB on board + 1 SODIMM/1.35v socket (4/8 GB)

ROM: SATA SSD / MSATA SSD (120, 240 GB) / SATA HDD (500 GB, 1 TB) * Please enquire about other capacities.

Audio: Realtek HD ALC662 Line-out and MIC

LAN: Realtek RTL8111F or Intel I210/I211 AT 10/100/1000 Mbps. 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.

Industrial PC IP protection: 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 ME770w. (OPTIONAL)

4G/GPS: Mini PCI Express Huawei ME909u-521. (OPTIONAL)

Dimensions: 312 x 250 x 51 mm (LxWxH)

Weight: 3.25 kg

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

PORTS I/O



CONNECTIVITY OPTIONS



WiFi module: Intel 7260BN

WiFi antenna: Yes

Connection cable: Yes

SMA extension cable: Optional

4G/GPS module: ME909u-521

4G/GPS antennas: Yes

Connection cable: Yes

SIDE MOUNTING SYSTEM OR VESA



PRODUCT VALUES

- > High-quality capacitive touchscreen.
- > 12.1" monitor + dual video output.
- > Resistant to harsh environments: dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > Expandable configuration, up to 8 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

- > Panel Pc industrial 15" ePX15 i5-4200u
- > Panel Pc industrial 17" ePX17 i5-4200u
- > Pantalla táctil IR 17 + pc industrial

CERTIFICATIONS



CONNECTIONS



DIMENSIONS

