

Panel PC Series

Fanless Industrial Computers

Industrial Components



Elevation

15" INTEL I5 1.70ghz - 4.40ghz Industrial Touch Panel PC with 10th generation processor 10310u.

15" touchscreen monitor with resistive technology and fanless rugged computer in aluminium chassis in grey colour, with passive cooling system without using fans.

It has HDMI video output for connection of 1 external monitor. 4 USB ports (4 x 3.0). Includes security TPM 2.0. VESA mounting system or panel mountable using supplied brackets. **Wide voltage range 9-36V.**



Inside

TECHNICAL SPECIFICATIONS

**Direct Importer:** Grupo EOS Ibérica SA  
**Processor:** Intel i5 10310u  
**Resolution:** 1024x768 (Native). 350 cd/m2  
**RAM:** Supports up to 16GB SODIMM DDR4  
**ROM:** SSD SATA / SSD M.2 2280 / HDD SATA  
**Audio:** 2x Jack 2.5; 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 temp.:** 0°C~50°C  
**Storage temp.:** -20°C~60°C  
**Warranty:** 1 Year (Extendable up to 3 Years)

OTHER TECHNICAL DATA

**Mounting Type:** Panelable yes, VESA yes, RACK no.  
**Processor Frequency:** Minimum 1.70GHz, maximum 4.40GHz  
**Graphics:** Intel® UHD Graphics for 10th Generation Intel®  
**Processors RAM:** 0 Gb on Board + 1 Socket SODIMM DDR4 (4/8/16Gb) ROM: SSD 2.5/ SSD M.2 SATA (240Gb, 480Gb) / HDD 2.5 (500Gb, 1Tb) \*Consult for other capacities.  
**Audio:** Realtek HD ALC662 Line-out and MIC LAN: Realtek RTL8111F or Intel I210/I21 AT 10/100/1000Mbps. Wake on Lan.  
**IP Protection Display:** IP65 front. Water jetted (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 dust must not enter in such a quantity as to interfere with the proper 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:** 271.5 \* 190 \* 53 mm (LxWxH).  
**Weight:** 2 Kg  
**Packing:** Single Box, PC, Power Supply, Power Cable, Drivers.

I/O PORTS



CONNECTIVITY OPTIONS

PRODUCT VALUES

- > Resistive touch for use with gloves, pointers.
- > 15.6" monitor + HDMI video output.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > Expandable equipment in its configuration, up to 16gb of RAM memory.
- > Possibility of Wifi or 4G / GPS connection.
- > Very low power consumption.

MOST COMMON APPLICATIONS

- > HMI control panels
- > Integration in electrical panels
- > 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
- > Marine sector
- > Pharmaceutical Industry
- > Transport & Logistics
- > Transmission applications

SOME SUCCESS STORIES

- > Interactive kiosks
- > Factory assembly
- > Solutions for agricultural engineering

ALTERNATIVE REFERENCES

- > Panel PC Industrial 15" ePX15 i5-4200u
- > Panel PC Industrial 15" ePX15 i5-4200u
- > Panel PC Industrial 17" ePX17 i5-4200u
- > IR 17 ecrã tátil + PC Industrial

CERTIFICATIONS



**WiFi Module:** Intel 7260BN  
**WiFi antenna:** Yes  
**Connecting cable:** Yes  
**SMA extender:** Optional



**4G/GPS module:** ME909u-521

**4G/GPS antennae:** Yes  
**Connecting cable:** Yes



SIDE OR VESA MOUNTING SYSTEM



CONNECTIONS



DIMENSIONS

