ePX-YL-CI-I5-1235U

RUGGEDISED INDUSTRIAL COMPUTER

Panel PC Series | Fanless Industrial Computers | Industrial Components



Professional-grade industrial touchscreen panel PC series. Available in sizes ranging from 10.1‘ to 21.5’. 12th generation **i5 1235u** processor. Includes **TPM** (Trusted Platform Module) security. IP65 dust- and water-resistant front with capacitive touchscreen.

Front bezel made of aluminium alloy, durable and specially designed to dissipate heat. **Supports voltage from 9V to 36V.**



Trasera

TECHNICAL SPECIFICATIONS

10.1" panel
- Resolution: 1280x800 (16:10)
- Contrast: 1000:1 / Brightness: 430cd/m2
- Size: 271.4*190*73.5mm/2.8kg

12.1" panel
- Resolution: 1024x768 (4:3)
- Contrast: 1000:1 / Brightness: 450cd/m2
- Size: 309.5*248*77 mm/3.7kg

15" panel
- Resolution: 1024x768 (4:3)
- Contrast: 1000:1 / Brightness: 350cd/m2
- Size: 366*290*77 mm/4.6kg

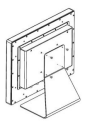
15.6" panel
- Resolution: 1920x1080 (16:9)
- Contrast: 1000:1 / Brightness: 400cd/m2
- Size: 400*249.3*79.8 mm/4.8kg

17" panel
- Resolution: 1280x1024 (5:4)
- Contrast: 1000:1 / Brightness: 250cd/m2
- Size: 408.5*346*78 mm/5.5kg

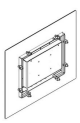
21.5" panel
- Resolution: 1920×1080 (16:9)
- Contrast: 1000:1 / Brightness: 400cd/m2
- Size: 540*332*78 mm/7.6kg

INSTALLATION METHODS

VESA. 100x100mm
75x75mm



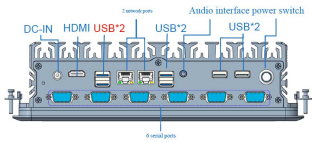
PANEL
MOUNT



OTHER TECHNICAL DATA

- 1 DC-IN (Supports **9Vdc-36Vdc**)
- DDR4 memory slot, maximum **RAM up to 32GB**
- Operating Temp.: **-20 ~ 60 °C**
- Hard drive connector: **m2 NVMe** + 1 SATA 2.0 port
- **4 USB 3.0 ports and 2 USB 2.0 ports**.
- Possibility of **4G** + **Wi-Fi** connectivity at the same time. (4 antenna connections available)
- Video output to 2nd standard HDMI screen.
- Industrial LCD screen with multi-language OSD panel.
- **Aluminium alloy** front bezel housing, durable and perfect heat dissipation.
- **IP65 front** and IP50 rear protection.
- **Multi-touch capacitive touchscreen**.
- 14-way 3.5 mm **audio** jack, 1 dual-channel speaker support.
- **2 speakers included**.
- **COM ports**: 6 RS-232 serial ports, 2 of which can be configured to RS-485.
- Supports **8 GPIO channels** (internal access on motherboard).
- **Intel I210 Gigabit Ethernet** ports, compatible with network wake-up/PXE.
- Hardware reset function support (**watchdog** 256 levels, 0 to 255 seconds)
- Compatible with **Windows 7/10/11** and Linux operating systems.

I/O PORTS





PRODUCT VALUES
> High-performance 12th generation processor.
> Panel PC compatible with Windows 11.
> Resistant to harsh environments: dust, vibrations, high voltages.
> Resistant to high temperatures and humidity.
> Expandable configuration: resolution/luminance/touch technology.

MOST COMMON APPLICATIONS
> Industrial field control.
> Display devices.
> Telecommunications and network rooms.
> Monitors for trains, underground stations and ports.
> Standard military screens.
> Military vehicles.
> Warships.
> Use in lifts, public places and buildings.

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

SOME SUCCESS STORIES
> Installation in outdoor kiosks
> Installation at the factory.
> Solutions for military equipment.

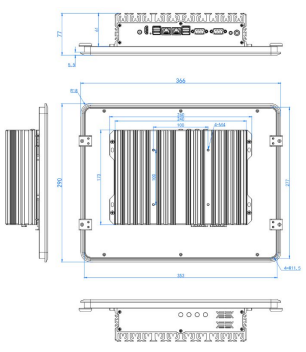
ALTERNATIVE REFERENCES
> ePX-TH-CI-I7-10510U
> ePX TPM I7 10810U

CERTIFICATIONS

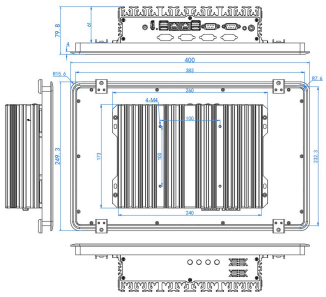
IP 65

DIMENSIONS (consult other measurements)

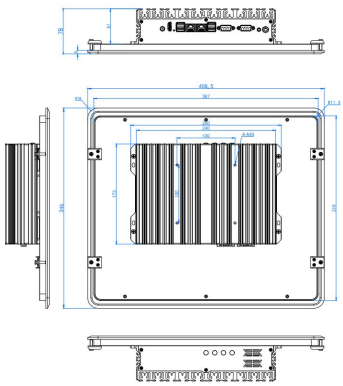
DRAWING PANEL 15”



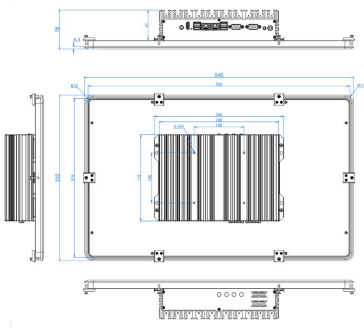
DRAWING PANEL 15,6”



DRAWING PANEL 17”



DRAWING PANEL 21,5”



Avda. de la Torrecilla Nº29, Nave 20 P. CP 14013 CÓRDOBA (España) - www.eosiberica.es - +34957761276 - info@eosiberica.es