ePX-TH-CI-I7-10510U

RUGGED INDUSTRIAL COMPUTER

eos ibérica

Panel PC Series	Fanless Industrial Computers	Industrial Components

Elevation

Series of industrial touch panel PCs of professional range. Different sizes 15" / 15,6" / 17" / 17,3" / 19,1" / 21,5". Processor of 10th generation **i7 10510u**. Includes **TPM** (Trusted Platform Module) security. IP65 Dust and waterproof front with capacitive touch.

Aluminium alloy front bezel, durable and specially designed to dissipate heat. **Supports 12v and 24v voltage.**
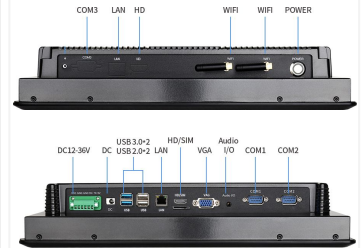

Rear

TECHNICAL SPECIFICATIONS

15' panel
- Native resolution: 1024x768 (5:4)
- Contrast: 800::1 / Brightness: 350cd/m2
- Operating Temp.: -10 ~ 60 °C

15.6' Panel
- Native Resolution: 1920x1080 (16:9)
- Contrast: 800::1 / Brightness: 350cd/m2
- Operating Temp.: -10 ~ 60 °C

17' Panel
- Native Resolution: 1280x1024 (5:4)
- Contrast: 1000:1 / Brightness: 350cd/m2
- Operating Temp.: -10 ~ 60 °C

17.3' Panel
- Native Resolution: 1920x1080 (16:9)
- Contrast: 1000:1 / Brightness: 400cd/m2
- Operating Temp.: -10 ~ 60 °C

19.1' Panel
- Native resolution: 1440×900 (16:10)
- Contrast: 1000:1 / Brightness: 400cd/m2
- Operating Temp.: -10 ~ 60 °C

21.5' Panel
- Native Resolution: 1920x1080 (16:9)
- Contrast: 1000:1 / Brightness: 400cd/m2
- Operating Temp.: -10 ~ 60 °C

OTHER TECHNICAL DATA

- Hard disk connector: mSata and **m2 NVME** socket
- 2 USB 3.0 and 2 USB 2.0 ports. - Wifi included Intel N-7260 802.11bgn
- GPIO port (digital inputs and outputs)
- Video output to 2nd VGA and HDMI standard display
- Industrial LCD display with multi-language OSD panel
- 7mm **aluminium alloy** front bezel housing, durable and perfect heat dissipation
- Multi-point **capacitive touch screen**
- Compatible with **Windows 7 / 10 / 11, Linux and Android** operating systems
5ms greyscale response time
Dot distance: 0.264 mm Contrast 800:1 / Brightness 400cd/m2
LED backlight type, use length≥50000h Display colour: 16.7 million
Viewing angle 160/160° (customisable 178° full viewing angle)
Number of touches ≥ 50 million times
Power supply 4A. External power adapter
Power performance 100-240V, 50-60HZ
Input voltage 12-24V. Power ≤48W
Antistatic contact 4KV-air 8KV. **GB2423 anti-vibration standard**
Anti-EMC interference|EMI anti-electromagnetic interference
Ambient temperature <80%, non-condensing. Working temperature -10°C~60°C
Audio input and output

I/O PORTS

COM3 LAN HD WIFI WIFI POWER

DC12-36V DC USB3.0+2 USB2.0+2 LAN HD/SIM Audio I/O VGA COM1 COM2

CERTIFICATIONS

IP 65 · CCC · UL · FC · CE

INSTALLATION METHODS

MOUNTING OPTIONS

VESA. 100x100mm 75x75mm · PANEL MOUNT

SISTEMA DE MONTAJE PANELABLE

PRODUCT VALUES

> Panel pc compatible with Windows 11.
> High-performance processor.
> Resistant to aggressive environments; dust, vibrations, high voltages.
> Resistant to high temperatures and humidity.
> Expandable equipment in its configuration: resolution / luminance / touch technology.

MOST COMMON APPLICATIONS

> Industrial field control.
> Display devices.
> Telecommunications and network rooms.
> Monitors for trains, metro stations and harbours.
> Standard military displays.
> Military vehicles.
> Warships
> Use in lifts, public places and buildings.

APPLICATION SECTORS

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

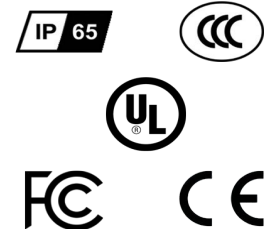#### SOME SUCCESS STORIES

> Assembly in outdoor kiosks.
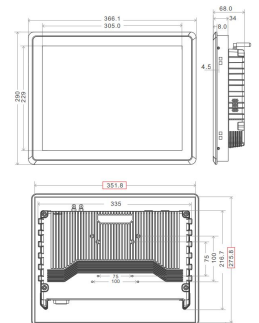> Assembly at the factory.
> Solutions for military equipment.

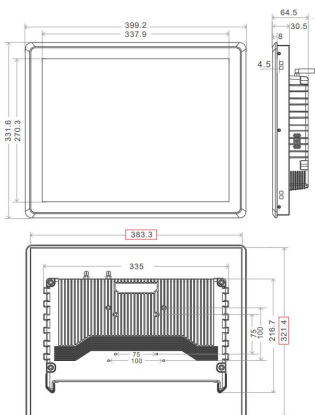#### ALTERNATIVE REFERENCES

> ePX I5 4200u
> ePX TH CI I5 6200u

DRAWING PANEL 15"

DIMENSIONS

DRAWING PANEL 17"

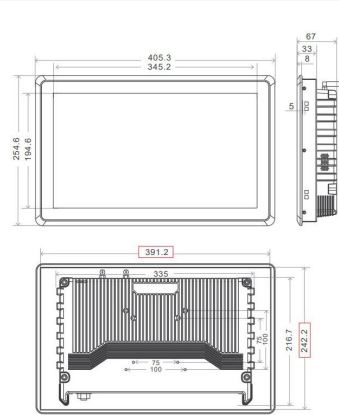#### DRAWING PANEL 15,6"

DRAWING PANEL 17,3"

DRAWING PANEL 21,5"