

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 [ePX15 TH i7 10510u]

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

15.6" Panel [ePX156 TH i7 10510u]

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

17" Panel [ePX17 TH i7 10510u]

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

17.3" Panel [ePX173 TH i7 10510u]

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

21.5" Panel [ePX21 TH i7 10510u]

- 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



CERTIFICATIONS



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.

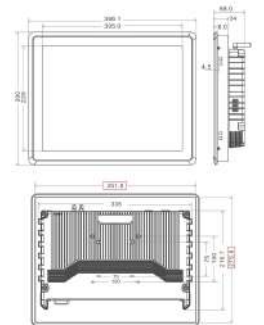
SOME SUCCESS STORIES

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

ALTERNATIVE REFERENCES

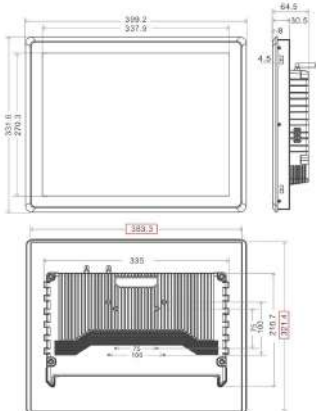
- > ePX i5 4200u
- > ePX TH CI i5 6200u

DRAWING PANEL 15"

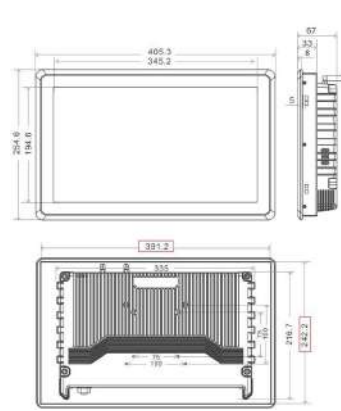


DIMENSIONS

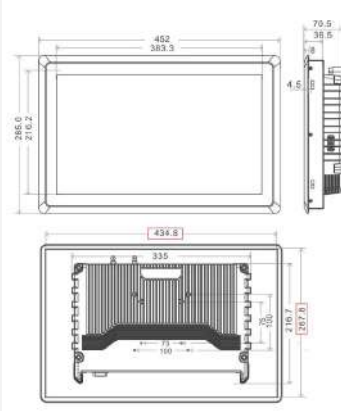
DRAWING PANEL 17"



DRAWING PANEL 15,6"



DRAWING PANEL 17,3"



DRAWING PANEL 21,5"

