

Panel PC Series

Fanless Industrial Computers

Industrial Components



Alzado

Professional-grade industrial touchscreen panel PC series. Available in different sizes: 17" / 17.3" / 19.1" / 21.5". 10th generation **i5 10210u** processor. Includes **TPM** (Trusted Platform Module) security. IP65-rated front panel, dustproof and waterproof with capacitive touchscreen.

7 mm aluminium alloy front bezel, durable and specially designed to dissipate heat. Supports **12V and 24V** voltage.



Rear

TECHNICAL SPECIFICATIONS

17" Panel [Consult]

- Native resolution: 1280x1024
- Contrast: 1000:1 / Brightness: 350cd/m2
- Format: 5:4

- Operating Temp.: -10 ~ 60 °C

17.3" Panel [ePX173 TH i5 10210U]

- Native resolution: 1920x1080
- Contrast: 1000:1 / Brightness: 400cd/m2
- Format: 16:9

- Operating Temp.: -10 ~ 60 °C

19.1" Panel [Consult]

- Native resolution: 1440x900
- Contrast: 1000:1 / Brightness: 400cd/m2
- Format: 16:10

- Operating Temp.: -10 ~ 60 °C

21.5" Panel [Consult]

- Native Resolution: 1920x1080
- Contrast: 1000:1 / Brightness: 400cd/m2
- Format: 16:9

- Operating Temp.: -10 ~ 60 °C

OTHER TECHNICAL DATA

- Hard drive connector: mSata and **m2 sata** socket
- 2 USB 3.0 ports and 2 USB 2.0 ports. - Intel N-7260 802.11bgn Wi-Fi included
- GPIO port (digital inputs and outputs)
- Video output to 2nd VGA and standard HDMI screen.
- Industrial LCD screen with multi-language OSD panel.
- 7 mm **aluminium alloy** front bezel housing, durable and perfect heat dissipation.
- **Multi-touch capacitive touch screen.**
- Compatible with **Windows 7/10/11, Linux and Android** operating systems.
- Grey scale response time 5 ms
- Dot pitch: 0.264 mm Contrast 800:1 / Brightness 400cd/m2
- LED backlight type, use length≥5000h 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 output 100-240V, 50-60HZ
- **Input voltage 12-24V. Power ≤48W**
- **Anti-static contact 4KV-air 8KV. Anti-vibration standard GB2423**
- **Anti-interference EMC/EMI** anti-electromagnetic interference
- Ambient temperature <80%, non-condensing. Operating temperature -10°C~60°C
- Audio input and output

I/O PORTS



INSTALLATION METHODS

MOUNTING OPTIONS

VESA, 100x100mm
75x75mm

PANEL
MOUNT



PANELLABLE MOUNTING SYSTEM



PRODUCT VALUES

- > Panel PC compatible with Windows 11.
- > High-performance processor.
- > 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.
- > Visualisation devices.
- > Telecommunications and network rooms.
- > Monitors for trains, tube stations and ports.
- > Military-grade displays.
- > Military vehicles.
- > Warships.
- > Use in lifts, public spaces and buildings.

APPLICATION SECTORS

- > Agricultural engineering.
- > Meat industry.
- > Automation.
- > Aerospace.
- > Automotive.
- > Data centres.
- > Distribution.
- > Naval sector.
- > Pharmaceutical industry.
- > Transport and logistics.
- > Broadcast applications.

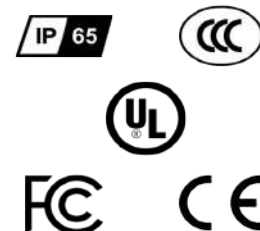
SUCCESS STORIES

- > Outdoor kiosk mounting.
- > Factory-floor mounting.
- > Military equipment solutions.

ALTERNATIVE REFERENCES

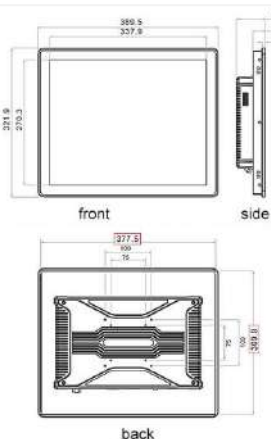
- > ePX i5 4200u
- > ePX TH CI i5 6200u

CERTIFICATIONS

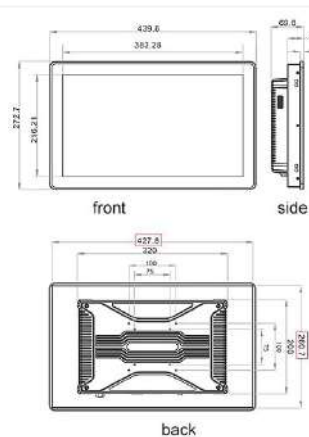


DIMENSIONS

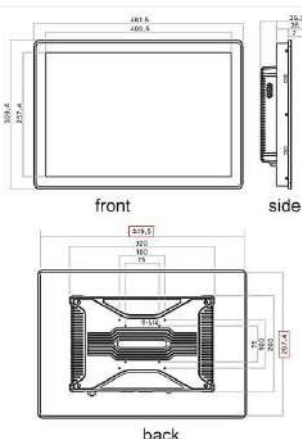
DRAWING PANEL 17"



DRAWING PANEL 17,3"



DRAWING PANEL 19,1"



DRAWING PANEL 21,5"

