

Panel PC Series

Fanless Industrial Computers

Industrial Components



Elevation

Professional-grade industrial touchscreen panel PC series with small screens for installations with limited space. Different sizes: 7" / 8" / 10.1" / 11.6". Celeron J6412 processor (12th generation Intel).

Aluminium alloy structure. IP65 dust- and water-proof front with capacitive touchscreen. Specially designed for heat dissipation. Supports **12V and 36V voltage**.



Back

TECHNICAL SPECIFICATIONS

7" Panel [ePX07 TH CL J6412]

- Native resolution: 1024x600
- Contrast: 500:1 / Brightness: 300cd/m2
- Format: 16:9
- Operating Temp.: -10 ~ 60 °C

8" Panel [ePX08 TH CL J6412]

- Native resolution: 1024x768
- Contrast: 800:1 / Brightness: 300cd/m2
- Format: 4:3
- Operating Temp.: -10 ~ 60 °C

10.1" Panel [ePX10 TH CL J6412]

- Native resolution: 1280x800
- Contrast: 1000:1 / Brightness: 300cd/m2
- Format: 16:10
- Operating Temp.: -10 ~ 60 °C

11.6" Panel [ePX11 TH CL J6412]

- Native resolution: 1920x1080
- Contrast: 1000:1 / Brightness: 300cd/m2
- Format: 16:9
- Operating temperature: -10 ~ 60 °C

OTHER TECHNICAL DATA

- 1 RS232 COM port from 10.1" onwards, not included as standard for 7" and 8" panel PCs (optional).
- 1 Phoenix connection: 1*12P (DC/RS232*1/RS485*1/GPIO*4)
- 2 USB 3.0 ports and 2 USB 2.0 ports. - Intel N-7260 802.11bgn Wi-Fi included
- Video output to 2nd VGA and HDMI standard 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 10 / 11** and Linux operating systems.
- Grey scale response time 5ms
- LED backlight type, service life ≥50,000 hours Screen 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 12-36V. Power ≤15W**
- **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

PORTS I/O



INSTALLATION METHODS

MOUNTING OPTIONS

VESA, 100x100mm
75x75mm

PANEL
MOUNT



PANEL MOUNTING SYSTEM



PRODUCT VALUES

- > Compact size for installations with limited space.
- > Touchscreen monitor for indoor use.
- > Resistant to harsh environments: dust, vibrations, high voltages.
- > Resistant to high temperatures and humidity.
- > Expandable equipment 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

- > Automation.
- > Transport and Logistics.
- > Agricultural Engineering.
- > Meat Industry.
- > Aerospace.
- > Automotive.
- > Data Centres.
- > Distribution.
- > Naval Sector.
- > Pharmaceutical Industry.
- > Transmission Applications.

SOME SUCCESS STORIES

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

ALTERNATIVE REFERENCES

- > ePX TH CI i5 6200u
- > ePX11 CL-4205U TPM

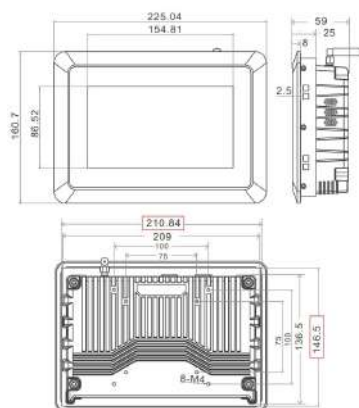
MODEL 10.1"

CERTIFICATIONS

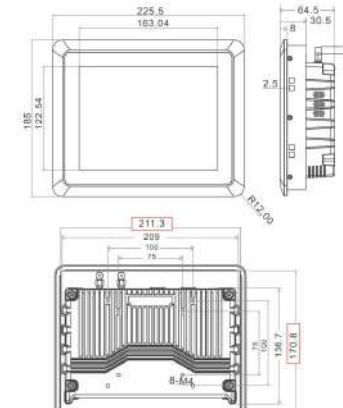


DIMENSIONS

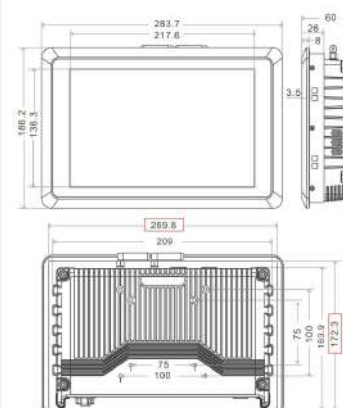
DRAWING PANEL 7"



DRAWING PANEL 8"



DRAWING PANEL 10.1"



DRAWING PANEL 11.6"

