

Panel PC Series

Fanless Industrial Computers

Industrial Components



Front

Professional-grade industrial touchscreen Panel PC series with small screens for space-constrained **installations** and **outdoor use**. Different sizes 8" / 10.1" / 11.6" / 12.1". Celeron J6412 processor (Intel 12^a generation).

Passive cooling system without the use of fans. Protected against water on the front, IP65 protection on its front. High brightness 1000 nits **screen with optical treatment to be sunlight readable and improve its protection**. **Wide voltage range of 9V-24V**.



Back

TECHNICAL SPECIFICATIONS

Panel 8" [ePX08 TH CL J6412 EXT]

- Native resolution: 1024x768
- Contrast: 800:1 / Brightness: 1000cd/m2
- Format: 4:3
- Operating Temp.: -10 ~ 60 °C

Panel 10.1" [ePX10 TH CL J6412 EXT]

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

Panel 11.6" [On request]

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

Panel 12.1" [ePX12 TH CL J6412 EXT]

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

OTHER TECHNICAL DATA

- 2 RS232 COM ports from 10.1" upwards; not standard for 7" and 8" Panel PCs (optional).
- 2 USB 3.0 ports and 2 USB 2.0. - Wi-Fi included Intel N-7260 802.11bgn.
- Video output to 2nd screen standard VGA and HDMI.
- Industrial LCD screen with multi-language OSD panel.
- 7mm **aluminium alloy** front bezel housing, durable and perfect heat dissipation.
- **Multipoint capacitive touchscreen**.
- Compatible with **Windows 10 / 11, Linux** operating systems.
- Greyscale response time 5ms
- LED backlight type, service life ≥50,000h Screen colour: 16.7 million
- Viewing angle 160/160° (customisable full viewing angle of 178°)
- Number of touches ≥ 50 million times
- Power supply 4A. External power adapter
- Power performance 100-240V, 50-60HZ
- **Input voltage 12-24V. Power ≤15W**
- **Antistatic contact 4KV-air 8KV**
- **Anti-vibration standard GB2423**
- **EMC anti-interference** | EMI anti-electromagnetic interference
- Ambient humidity <80%, non-condensing.
- Working temperature -10°C~60°C
- Audio input and output

I/O PORTS



INSTALLATION METHODS

MOUNTING OPTIONS

VESA. 100x100mm
75x75mm

PANEL
MOUNT



PANEL MOUNTING SYSTEM



PRODUCT VALUES

- > Reduced size for installations with limited space.
- > Touch monitor for outdoor 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

- > Outdoor kiosks or totems.
- > Display devices.
- > Telecommunications and network rooms.
- > Monitors for trains, metro stations and ports.
- > Military standard 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

- > Mounting in outdoor kiosks
- > Factory floor mounting.
- > Solutions for military equipment.

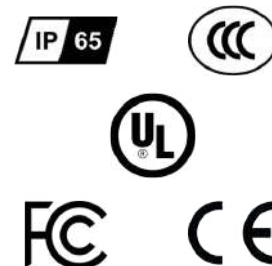
ALTERNATIVE REFERENCES

- > ePX17 TH i5 6200u-EXT
- > ePX215 TH i5 6200u-EXT



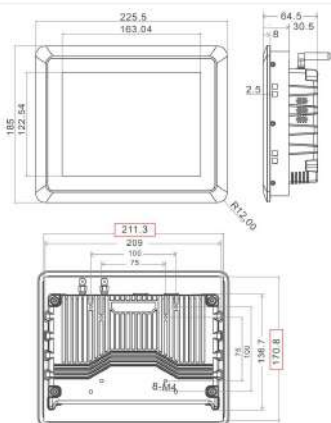
MODELO 10,1"

CERTIFICATIONS

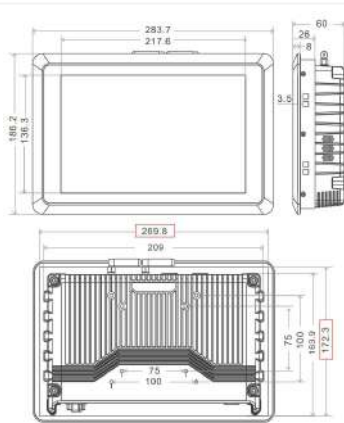


DIMENSIONS

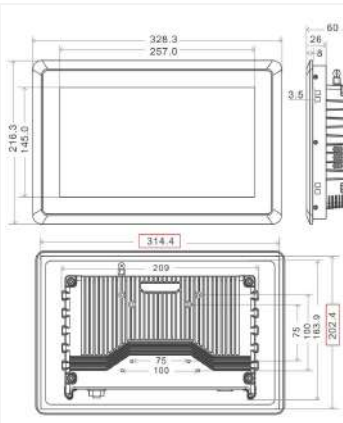
DRAWING PANEL 8"



DRAWING PANEL 10.1"



DRAWING PANEL 11.6"



DRAWING PANEL 12.1"

