

Panel PC Series

Fanless Industrial Computers

Industrial Components



Elevation

21.5" Panelmate **All-in-One** Industrial PC with arm mount and **Intel® Core™ 7th Gen. i7 7500u** processor for reliability and flexibility in demanding automation environments. Integration of **physical pushbuttons** (emergency stop buttons, start/stop buttons).

Ruggedised chassis and **IP65** waterproof and dustproof protection. Features a multi-touch capacitive touchscreen for smooth control. Compatible with Windows and Linux. Wide DC 9~36V power supply range ideal for industrial control, robotics and manufacturing. WIFI/4G connectivity.



TECHNICAL SPECIFICATIONS

15" 4:3 Panel [ePX15 PM ARM i7 7500u]

- Native Resolution: 1024x768
- Contrast: 800:1 / Brightness: 420cd/m2
- Operating Temp.: 0 ~ 60 °C

15.6" 16:9 Panel [ePX156 PM ARM i7 7500u]

- Native resolution: 1920x1080
- Contrast: 3000:1 / Brightness: 350cd/m2
- Operating Temp.: -0 ~ 60 °C

18.5" 16:9 Panel [Consult]

- Native resolution: 1366x768
- Contrast: 1000:1 / Brightness: 500cd/m2
- Operating Temp.: 0 ~ 50 °C

19" 5:4 panel [Consult]

- Native resolution: 1280x1024
- Contrast: 1000:1 / Brightness: 250cd/m2
- Operating Temp.: 0 ~ 50 °C

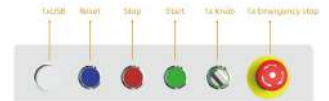
21.5" 16:9 panel [ePX21 PM ARM i7 7500u]

- Native resolution: 1920x1080
- Contrast: 3000:1 / Brightness: 250cd/m2
- Operating Temp.: 0 ~ 50 °C

OTHER TECHNICAL DATA

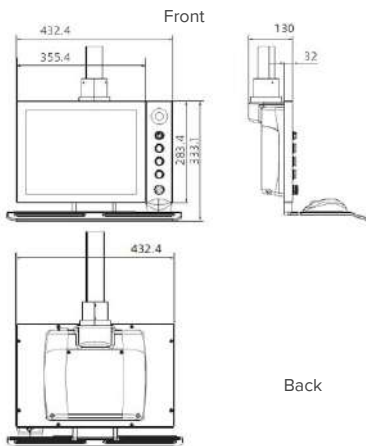
- ePX21 PM ARM i7 7500u **V1**: Version where the **keypad** is located **below** the screen.
- ePX21 PM ARM i7 7500u **V2**: Version where the **keypad** is located to the **right** of the screen.
- 4 USB 3.0 ports. Wi-Fi/4G
- 1 x HDMI
- Graphics card: Intel® HD Graphics 620
- Single-point **resistive touchscreen**, multi-point capacitive touchscreen, or non-touchscreen
- Compatible with **Win 7, Win 8, Win 10, Win 11, Linux, etc. operating systems (Note: Intel® Celeron® J6412 processors are not compatible with Win7)**
- Dot pitch: 0.24825x0.24825 Contrast 3000:1/ Brightness 250cd/m2
- LED backlight type
- Viewing angle 89/89° (178° full viewing angle)
- Number of touches ≥ 50 million times
- Power performance 100-240V, 50-60HZ
- **Input voltage 9-36V.**
- **Anti-static contact 4KV-air 8KV**
- **Vibration: Compliant with IEC 60068-2-64 / GB2423**
- **EMC: CE / FCC Class A (Industrial interference protection)**
- Ambient temperature 5~95% (non-condensing). Operating temperature -20°C~60°C
- Audio input and output

I/O PORTS



Note: The figure above shows the number of standard buttons. Both the quantity and brand of buttons can be customised.

DRAWING PANEL 15"



Back

PRODUCT VALUES

- > Integrated security keypad
- > 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

- > Human-Machine Interface (HMI)
- > Artificial Vision Systems
- > Packaging Line Control
- > Process Monitoring (SCADA)
- > Logistics and Transport

SOME SUCCESS STORIES

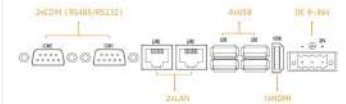
- > Control Stations for CNC and Cutting Machinery
- > Packaging and Bottling Lines
- > Robotic Manufacturing Cells and Robots
- > Quality Control and Artificial Vision

APPLICATION SECTORS

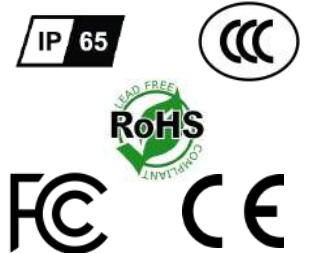
- > Factory and machinery automation
- > Intelligent transport
- > Artificial vision
- > Packaging and plastics machinery
- > Laser industry

REFERENCIAS ALTERNATIVAS

- > IPC 52215- 7700-8-R

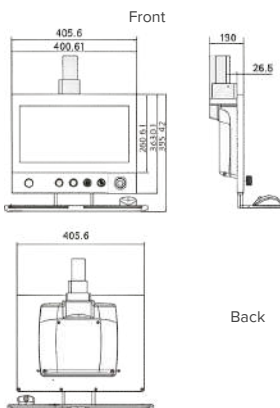


CERTIFICATIONS



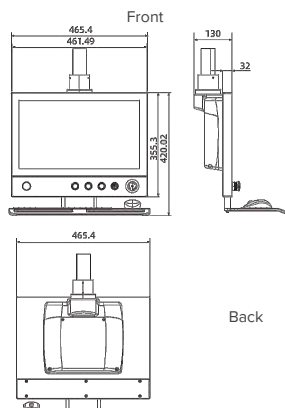
DIMENSIONS

DRAWING PANEL 15,6"



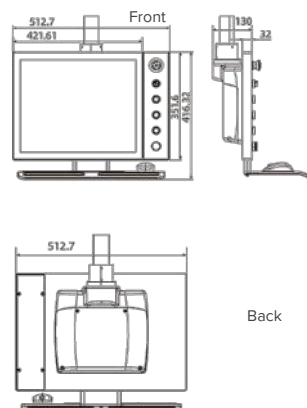
Back

DRAWING PANEL 18,5"



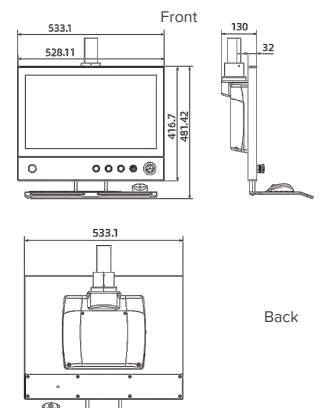
Back

DRAWING PANEL 19"



Back

DRAWING PANEL 21,5"



Back