

## Panel PC Series

## Fanless Industrial Computers

## Industrial Components



10.1" and 11.6" capacitive industrial touch panel PC with realtek RK3568 Cortex-A17 Quad Core 1.99GHz 4Gb RAM 32G EMMC processor compatible with Android 12.

Ideal MES (Manufacturing Execution System) solution to control and monitor production processes in manufacturing plants. It has LF-125 KHz and HF-13,56 MHz RFID/NFC reader for operator identification. Optional camera for barcode reading.



Inside

## TECHNICAL SPECIFICATIONS

**References:**  
eRX10 MES RFID / eRX11 MES RFID  
eRX156 MES RFID  
**Direct Importer:** Grupo EOS Ibérica SA  
**CPU:** RK3568, quad-core, 1.99 GHz  
**Storage:** EMMC 32G (64G optional)  
**RAM:** 4GB (8GB optional)  
**Operating System:** Android 12 (consult for Android 14)  
**Graphics Card:** GPU Mali-G52 MP2  
**Wi-Fi 6:** Dual frequency 2.4/5G  
**Bluetooth/GPS/MIC:** Optional  
**NFC:** LF-125KHz, HF-13.56 MHz  
**Camera:** 100W High Definition  
**LED Indicator:** Red / green / blue (optional)  
**Operating Temperature:** -10 °C to +60 °C  
**Storage Temperature:** -20 °C to +70 °C  
**Humidity:** 95%, non-condensing  
**Power Consumption:** 18W Power  
**Input:** AC 100-240 V 50/60 Hz  
**Power Output:** 12V DC / 4A

## OTHER TECHNICAL DATA

**Mounting Type:** Panel mount yes, VESA yes, RACK no.

**Display Sizes:** 10.1" (1280 x 800 - 16:10) or 11.6" (1920 x 1080 - 16:9)  
**Panel type:** A-grade TFT display. 7H hardness tempered glass grade A  
**Viewing angle:** 85/85/85/85/85 (L/R/H/D/D)  
**Display colour:** 16.7 million / **Brightness:** 300cd/m2  
**DC port:** 1 x DC 2.1  
**HDMI:** Support HDMI output, maximum support 1080P  
**USB-OTG:** 1 / **USB 2.0:** 2  
**Ethernet RJ45:** 1\*10M/100M/1000M Ethernet  
**SD/TF:** TF data storage, max. 64G support  
**SIM card interface** standard, compatible with various formats (depending on 3G/4G module).  
**RS232:** 1 \* RS232 (DB9). **RS485/RS422:** (OPCIONAL)  
**GPIO:** 3 channels (industrial connection)  
**LED warning light:** (OPTIONAL)  
**Wide voltage input:** 12V~36V  
**4G:** 4G QUECTEL EC25-E Kit (OPTIONAL)  
**Weight:** 3'50 Kg Packing: Individual Box; PC, Power Supply, Power Cable.  
**SDK / API:** Tools are provided for integration with your application.

## I/O PORTS



## MOUNTING OPTIONS



## PRODUCT VALUES

- > Quality capacitive touch.
- > Monitor 10.1" or 11.6" + video output for a 2nd monitor.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > RFID / NFC reader perfectly integrated
- > Very low power consumption.

## MOST COMMON APPLICATIONS

- > Personnel input/output control
- > HMI control panels
- > Integration in switchboards
- > Industrial control systems (ICS)
- > Distributed control systems / SCADA
- > Data Acquisition Systems (DAQs)
- > Factory assembly lines
- > Assembly on transport vehicles
- > Interactive, multimedia kiosks

## APPLICATION SECTORS

- > Agricultural engineering
- > Meat industry
- > Automation
- > Aerospace
- > Automotive
- > Data Centers
- > Distribution
- > Naval sector
- > Pharmaceutical Industry
- > Transport & Logistics
- > Transmission applications

## SOME SUCCESS STORIES

- > Interactive kiosks
- > Factory assembly
- > Solutions for agricultural engineering

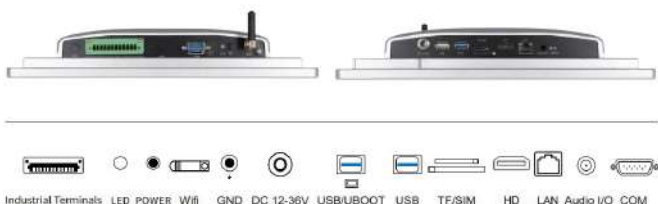
## ALTERNATIVE REFERENCES

- > Panel Pc industrial 15" ePX15 i5-4200u
- > Panel Pc industrial 17" ePX17 i5-4200u
- > IR 17" touch screen + industrial pc

## CERTIFICATIONS



## CONNECTIONS



## DIMENSIONS

## 10,1" MODEL



## 11,6" MODEL



## 15,6" MODEL



OPTION Panel pc with camera for reading QR / 2D codes (Consult us)

