

Panel PC Series

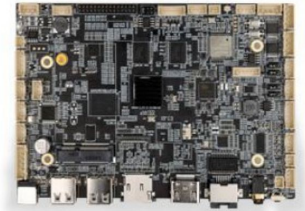
Fanless Industrial Computers

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

**Direct Importer:** Grupo EOS Ibérica SA

**UPC:** RK3568, quad-core, 1.99 GHz  
**Storage:** 32G EMMC (64G optional)  
**RAM:** 4Gb (8Gb optional)  
**Operating system:** Android 12 (check Android 14)  
**Graphics card:** Mali-G52 MP2 GPU.  
**Wifi 6:** Dual-frequency 2.4/5G  
**Bluetooth/GPS/MICRO:** 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 100-240V 50/60Hz  
**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

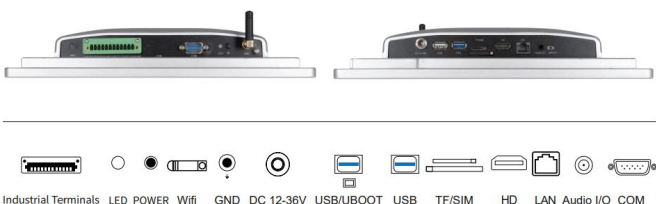
ALTERNATIVE REFERENCES

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

CERTIFICATIONS



CONNECTIONS



Industrial Terminals LED POWER Wifi GND DC 12-36V USB/UBOOT USB TF/SIM HD LAN Audio I/O COM

DIMENSIONS



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

