# ePX-Android Open Frame-RKCX

**Panel Pc Series**

## RUGGED INDUSTRIAL COMPUTER

Fanless Industrial Computers

**eos ibérica**

Industrial Components
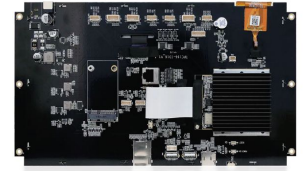
Fanless Industrial touch panel PC with Android operating system with ARM Rockchip processors for open frame installations.

Multitouch capacitive technology touch screen. Industrial grade motherboard for hardware solutions for industrial automation and Internet of Things projects. Open frame installation with measurements of 10.1" and 11.6". Wide voltage operation.
- Processor Options: Cortex A64 2/8gb Android 7. Rockchip 3399-A 4/32gb Android 11. Option: CX-3588-G 8/64gb Android 14 (consult).

Elevation

## TECHNICAL SPECIFICATIONS

**Screen size:** 10.1-inch / 11.6-inch
**Resolution:** 1280*800 / 1920*1080
**Aspect ratio:** 16:10 / 16:9 / widescreen
**Gray-scale response time:** 5ms
**Panel Type:** Industrial control A style screen with TFT
**Point distance:** 0.264mm
**Contrast:** 800:1
**Backlight type:** LED, use length≥50000h
**Display color:** 16.7M
**Visual angle:** 160/160° (178° full view angle is customizable)
**Brightness:** 350cd/m2 (support other high brightness)
**Touch-type:** Capacitive
**Backlight type:** LED backlight; ≥50000h
**CPU:** RK3399, Quad-core, 1.8GHz main frequency
**RAM:** DDR3L default with 4G
**Hard disk storage:** EMMC 32G
**Operating system:** Android 11
**Graphics card:** GPU Mali-T864 dual-core supporting HDMI 4K output
**WiFi:** 2.4G/5G
**Bluetooth:** BT4.0
**GPS / MIC:** Optional

**Power consumption**: ≤35W
**Power input**: AC 100-240V, 50/60HZ
**Power Output:** DC12V / 4A
**Anti-static:** Contact 4KV-air 8KV (≥16KV can be customized)
**Anti-vibration:** GB2423 standard
**Anti-interference:** EMC | EMI anti-electromagnetic interference
**Dustproof and waterproof:** IP65 dust-proof and waterproof for the front panel
**Housing materia:** Black/Silver, Aluminum Alloy
**Installation method:** Open frame
**Relative humidity:** 95%, Non-Condensing
**Working temperature:** -10°C～60°C (-30°～80°C customizable)
**Language menu:** Chinese, English, German, French, Spanish ..
**DC Port:** 1*DC 2.1
**USB-OTG:** 1
**USB-HOST:** 4*USB 2.0
**RJ45 Ethernet:** 1 (10M/100M/1000M adaptive Ethernet)
**SD/TF:** TF for data storage, maximum support 64G
**Serial port:** 4-channel serial ports, default with three-channel for 232, one-channel for DEBUG port (two of which can be TTL)
**Wide voltage input:** 12V-36V for option

### MOUNTING OPTIONS

Open frame installation

PANELABLE MOUNTING SYSTEM

### PRODUCT VALUES
> Very competitive price
> Resistant to environments with dust, grease, vibrations.
> Custom configurable: 485 com ports / Double LAN / 4G Connectivity (Consult)
> Low power consumption.

### MOST COMMON APPLICATIONS
> HMI control panels
> Integration into electrical panels
> Industrial control systems (SCI)
> Distributed control systems / SCADA
> Data acquisition systems (DAQs)
> Assembly lines at the factory
> Mounting on transport vehicles
> Outdoor advertising and Digital Signage
> Interactive outdoor kiosks

### APPLICATION SECTORS
> Agricultural engineering
> Meat Industry
> Automations
> Automobile
> Renewable energies
> Distribution
> Naval Sector
> Pharmaceutical Industry
> Transport and Logistics
> Streaming apps

### SOME SUCCESS STORIES
> Meat industry
> Factory assembly
> Solutions for agricultural engineering

### ALTERNATIVE REFERENCES
> Android Panel PC 10.2" ePX Android RKCX
> 17" ePX17 i5-4200u industrial panel PC
> IR 17 touch screen + industrial pc

### CERTIFICATIONS

RoHS COMPLIANT LEAD FREE | (intel)

IP 65 Front | CCC

FC | CE

## CONNECTIONS

RJ45   USB   USB   SIM

## DIMENSIONS

10,1"

Open Frame All-in-one Android Panel PC
IP65 Waterproof/Dustproof
ANDROID
Waterproof Dust   Compressive Pressure

158mm

230mm