



Elevation

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).



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 I 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

SOME SUCCESS STORIES

- > Meat industry
- > Factory assembly
- > Solutions for agricultural engineering

APPLICATION SECTORS

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

ALTERNATIVE REFERENCES

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

CERTIFICATIONS



CONNECTIONS



RJ45 USB USB SIM

DIMENSIONS

