

10.1" Industrial Touch Panel PC with Rockchip RK3399 Processor

Overview

The APC-9100 10.1" industrial panel computer features a full-plane capacitive multi-point touchscreen, modular design, fanless operation, and shockproof construction. It provides 4:3 and 16:9 aspect ratio options to meet different content display needs. The APC-9100 Android panel PC adopts a low-power processor and boasts a stable system architecture, ensuring exceptional performance in industrial environments. Additionally, the entire product series is crafted with an aluminum alloy front panel and a metal body, providing excellent heat dissipation and rust resistance.

Features

- 10.1" LED-backlit LCD with capacitive touchscreen
- Rugged aluminum enclosure and fanless design
- Rockchip RK3399, ARM 2xCortex-A72+4xCortex-A53 1.8GHz processor
- 3x USB, 2x LAN, 1x VGA, 1x HDMI
- Supports Wi-Fi, 4G, and 5G
- Supports VESA 75 mount and panel mount



I/O Interfaces



Specifications

Display	
Size	10.1 inch
Touch Type	Projected capacitive multi touch
Transmittance	87%
Control Interface	USB
Surface Hardness	≥7H
Resolution	1280 x 800
Luminance	350 nits
Contrast Ratio	1000: 1
View Angles	85 (left), 85 (right), 85 (up), 85 (down)
LED Lifetime	25,000 hrs
Color	16.7M
System	
CPU	Rockchip RK3399, ARM 2xCortex-A72+4xCortex-A53 1.8GHz Processor
GPU	Mali-T860 GPU MP4 GPU
Memory	DDR4 4GB (onboard)
Storage	EMMC 32G (onboard)
I/O Ports	
USB	4 x USB 3.0 1 x USB 2.0 (OTG)
Ethernet	2 x GbE LAN
Display	1 x HDMI
SIM Card Slot	1 x SIM slot for 4G or 5G
TF Card Slot	1 x TF Card Slot
GPIO	1 x GPIO (Optional)
Antenna	2 x SMA antenna holes
Expansion Slot	
M.2	1 x M.2 3042 for 4G, 1 x M.2 3052 for 5G
Audio	
Audio	Mic in, line out
Speaker	2Ω 5W speaker (optional)
Power	
Button	Yes
Remote Power On/Off	1x Remote switch connector
DC Input	9 to 36VDC
Power Connector	M12
Power Consumption	9W
Power Adaptor	AC-DC, 12V@5A, 60W
Operating System	
Linux	Ubuntu
Android	Android 10
Mechanical	
Dimensions (W x D x H)	261.4 x 174.6 x 34 mm (12.2 x 9.7 x 2.4 inches)
Weight (N.W.)	1.8 kg (3.97 lbs)
Mounting	Panel mount, wall mount bracket VESA 75
Material	Aluminum alloy panel, all-metal chassis

Environment	
Operating Temperature	-10 to 50°C (14 to 122°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
Relative Humidity	10% to 95% @ 40°C (104°F), non-condensing
Vibration	5-500Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
IP Rating	IP65 compliant (for front panel)
Certification	
EMC	CE, FCC
Packing List	
Packing	1 x APC-9100 1 x AC-DC power adapter 8 x panel mounting buckles 1 x warranty card

Dimensions

