KPC Series

Android & Linux Aluminum Front Bezel HMIs

Suitable for applications such as automation, monitoring, control & data processing in various fields

Model: KPC1210XAO

Fanless Panel PC 12.1" Aluminum Front Bezel, LED Backlight, HMIs ARM Cortex-A9™ iMX6 Dual Lite / Quad Core 1.0 GHz
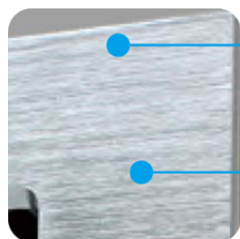
Features:

- Based on the Linux & Android operating system
- IP65 compliant aluminum / stainless steel front bezel
- 5-wire resistive touch screen
- A variety of I/O ports

CPU Performance	★★★
Energy Efficiency	🍃🍃🍃
Touch Function	
Dissipation Design	Fanless, External heat sink
Waterproof Design	IP65 front bezel, Waterproof gasket (optional)
Housing Design	Aluminum front bezel + metal chassis

The fanless low power Freescale i.MX6 processor-based front IP65 aluminum front bezel HMIs use 5 wires resistive single touch solution from 10.4" to 21.5" and adopts ARM architecture dual lite/quad Core Cortex-A9 processor 1.0GHz. also made with robust rear steel chassis with aluminum front bezel and can operate under harsh operating environment from ingress of dust and water, The users can benefit from the mounting: wall mount (VESA 100 x 100 & 75 x 75), panel mount and clips for specific sizes

Based on the open-source Android operating system, system integrators and software developers are easy to develop application programs. With ARM architecture advantages and rich I/O connectivity and we are confident that it will be a perfect solution for various applications such as HMI systems, factory automation, food automation, control process , monitoring control……etc

IP65 compliant aluminum / stainless steel front bezel
to provide basic waterproof protection against water spary from the front side

Hairy brushed finish
to deliver an aesthetic appearance

Waterproof gasket design (optional)
to strengthen basic waterproof protection against water permeation through the seam between bezel and mount wall / object
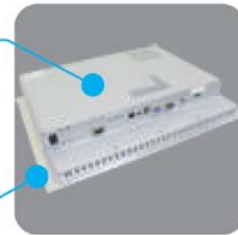
I/O ports located in the back bottom side

Metal chassis

Aluninum / stainless steel front bezel

Specifications:

PC Specifications

CPU	Freescale ARM Cortex-A9™ iMX6 Dual Lite 1.0 GHz
Memory	1GB DDR3 (On Board)
Power Supply	DC in 12V external power adaptor
I/O Ports (Default)	1 x RS232, 1 x GLAN, 2 x USB, 1 x Audio out
Storage	4GB eMMC ; MicroSD (SDXC) x1
Operation Temperature	0°C ~ 45°C
Storage Temperature	-30°C ~ 85°C
Relative Humidity	20% ~ 90% non-condensing
OS Support	Android 4.4
Installation	Panel mounting, clips, VESA mounting 75 x 75 mm (10.4" & 12.1") / 100 x 100 mm (15" ~ 21.5")

LCD Specifications

Display	**Size / Aspect Ratio**	12.1" TFT (4:3)
	Backlight	LED
	Resolution	1024 x 768
	Colors	16.2M
	Luminance (cd/m2)	500
	Contrast Ratio	700:1
	Viewing Angle (H/V°)	160/160
	MTBF (hrs)	50,000
	Touch Screen	5-wire resistive
Dimension (W x H x D, mm)	349.4 x 263.9 x 70	
Weight (kg)	6	

Mechanical Drawing