

FPAD712X



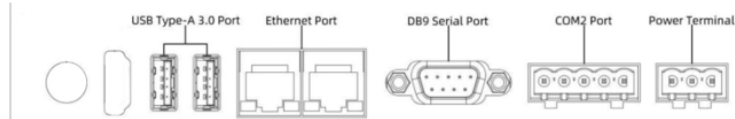
Product Specification

Touch	Capacitivo
Feature	WebHMI
Performance	High
Inch	12,1"
Form Factor	16:10
Display	LCD
Resolution	1280 x 800
Colors	24bit
LCD view angles (T/B/L/R)	85'/85'/85'/85'
Brightness	400cd/m2
Backlight	LED
Display life	50000h
CPU	CPU: 4*Cortex-A72 + 4*Cortex-A53 2.2GHz GPU: Mali G52
RAM	2GB
Storage	16GB
Battery backup Memory	Stored in storage
RTC	Built in
SD card	-
Ethernet	2x 10/100/1000Mb/s
USB Host	2x USB 3.0 Type A
Programming port	Ethernet


COM 1	RS232/422/485
COM 2	RS422/485
COM 3	RS232
COM 4	-
COM 5	-
Power Supply	18 - 28 Vdc
Power Consumption	< 15W
Storage Temperature	-20 ~ 70 °C
Operating Temperature	-10 ~ 60°C
Relative Humidity	10 - 90%RH (non-condensate)
Vibration	10 - 25Hz (x-y-z 2G/30min)
Protection Degree (Front)	IP65
Protection Degree (Back)	IP20
Lightning	Lightening &Surging ±1KV, Group Pulse ±2KV, Static Contact: 4KV, Air Discharge: 8KV
Case Material	Non-ferrous alloy
Mounting	Panel-mount, VESA (100 x 100mm)
Cutout	295 × 217mm
Dimension	313 x 228 x 38mm
Weight	2300g
CE	EN61000-6-2:2005, EN61000-6-4:2007
RoHS	Compliant
UL	-



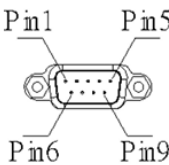





3.1 Power Terminal

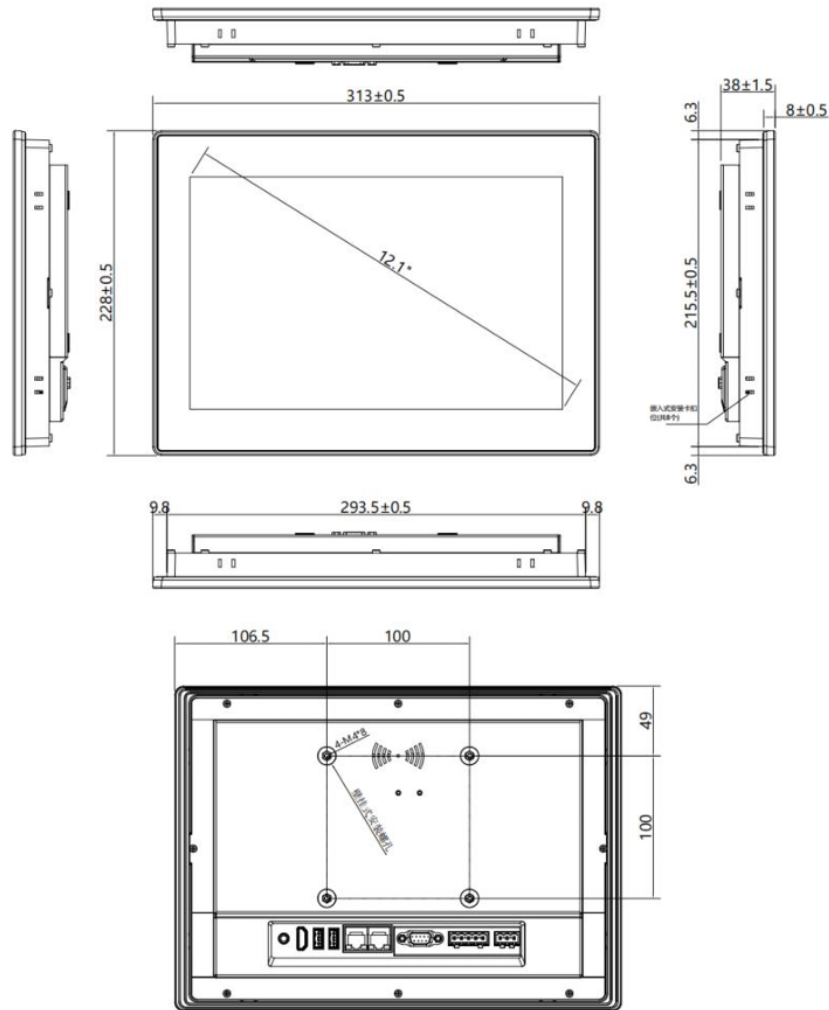
Power Terminal (Pin 1~3 from left to right)	Pin	Description
	Pin1	DC24V
	Pin2	GND
	Pin3	FG

3.2 DB9 Serial Port

	Pin	COM1(RS485)	COM1(RS422)	COM1(RS232)	COM3(RS232)	
	Pin1	B-	Rx-			
	Pin2			RxD		
	Pin3			TxD		
	Pin4		Tx-			
	Pin5	GND				
	Pin6	A+	Rx+			
	Pin7				RxD	
	Pin8				TxD	
	Pin9		Tx+			

3.3 COM2 Port

COM2(Pin1~Pin5 from left to right)	Pin	COM2(RS485)	COM2(RS422)
	Pin1	A+	Rx+
	Pin2	B-	Rx-
	Pin3		GND
	Pin4		Tx+
	Pin5		Tx-



Cutout dimensions of flush-mounting installation:295mm*217mm;

VESA installation:100mm*100mm