

# FPAD716X



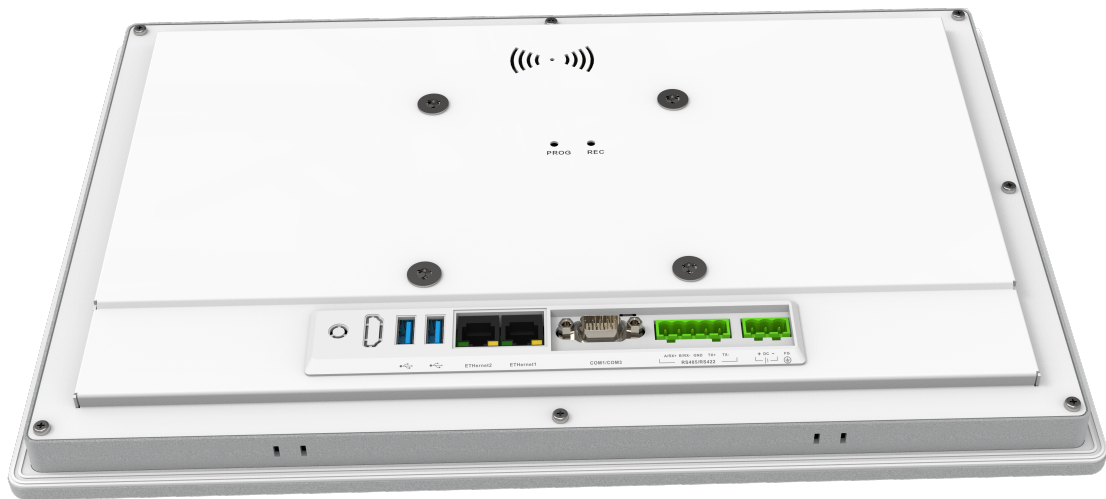
# Product Specification

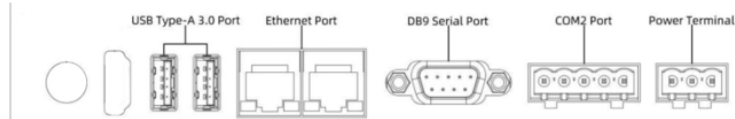
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<b>Touch</b>	Capacitivo
<b>Feature</b>	WebHMI
<b>Performance</b>	High
<b>Inch</b>	15,6"
<b>Form Factor</b>	16:9
<b>Display</b>	LCD
<b>Resolution</b>	1920 x 1080
<b>Colors</b>	24bit
<b>LCD view angles (T/B/L/R)</b>	85'/85'/85'/85'
<b>Brightness</b>	400cd/m2
<b>Backlight</b>	LED
<b>Display life</b>	50000h
<b>CPU</b>	CPU: 4*Cortex-A72 + 4*Cortex-A53 2.2GHz   GPU: Mali G52
<b>RAM</b>	2GB
<b>Storage</b>	16GB
<b>Battery backup Memory</b>	Stored in storage
<b>RTC</b>	Built in
<b>SD card</b>	-
<b>Ethernet</b>	2x 10/100/1000Mb/s
<b>USB Host</b>	2x USB 3.0 Type A
<b>Programming port</b>	Ethernet


<b>COM 1</b>	RS232/422/485
<b>COM 2</b>	RS422/485
<b>COM 3</b>	RS232
<b>COM 4</b>	-
<b>COM 5</b>	-
<b>Power Supply</b>	18 - 28 Vdc
<b>Power Consumption</b>	< 15W
<b>Storage Temperature</b>	-20 ~ 70 °C
<b>Operating Temperature</b>	-10 ~ 60°C
<b>Relative Humidity</b>	10 - 90%RH (non-condensate)
<b>Vibration</b>	10 - 25Hz (x-y-z 2G/30min)
<b>Protection Degree (Front)</b>	IP65
<b>Protection Degree (Back)</b>	IP20
<b>Lightning</b>	Lightening &Surging ±1KV, Group Pulse ±2KV, Static Contact: 4KV, Air Discharge: 8KV
<b>Case Material</b>	Non-ferrous alloy
<b>Mounting</b>	Panel-mount, VESA (100 x 100mm)
<b>Cutout</b>	380 × 245mm
<b>Dimension</b>	394 x 256 x 31mm
<b>Weight</b>	27000g
<b>CE</b>	EN61000-6-2:2005, EN61000-6-4:2007
<b>RoHS</b>	Compliant
<b>UL</b>	-



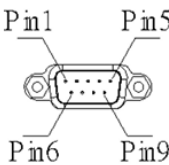





### 3.1 Power Terminal

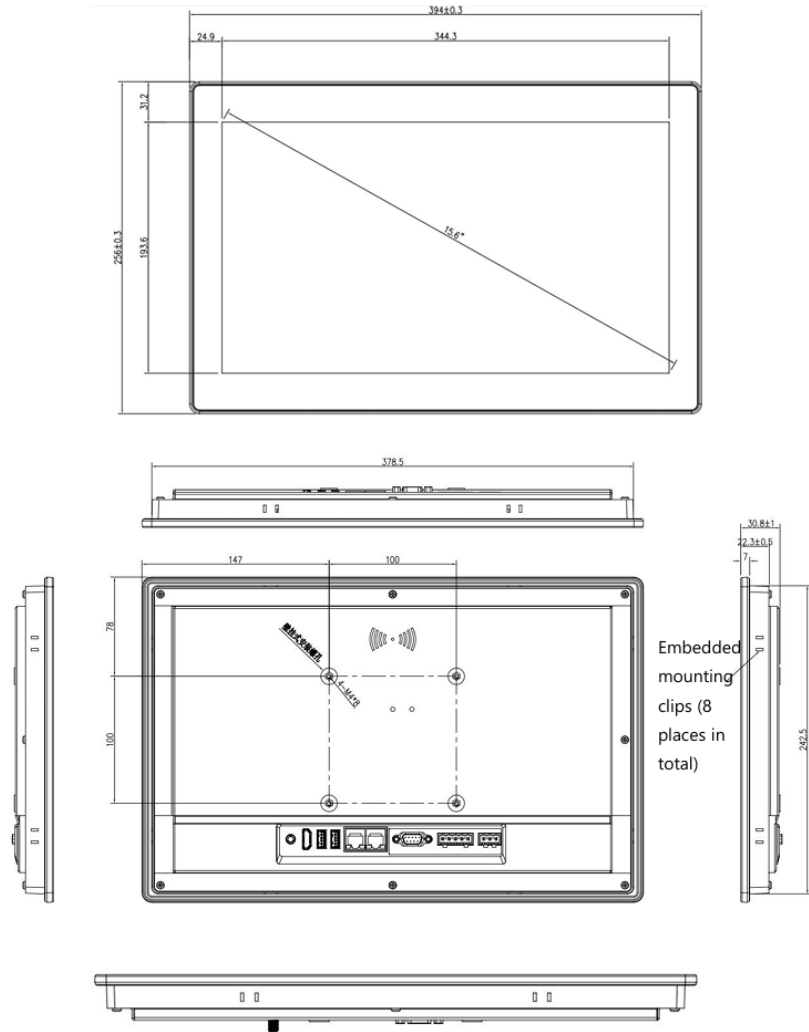
Power Terminal (Pin 1~3 from left to right)	Pin	Description
	Pin1	DC24V
	Pin2	GND
	Pin3	FG

### 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: 380mm × 245mm;

VESA installation: 100mm\*100mm