

50" P-cap

Touch All In One

Model	AFYA500AVJ1
Touch Technology	P-cap
Version	V 0.1

Product specification

Product Name		31.5 inch Touch All in One		
Product Model	AFYA500AVJ1			
LCD panel Technical Parameter	Size	50 inch		
	Aspect Ratio	16: 9		
	Backlight Type	LED Backlight		
	Pixel Pitch	0.0951mm x 0.2854mm		
	Active Area	1095.84mm x 616.41mm		
	Best Resolution	3840 × 2160 @ 60 Hz		
	Response Time	15ms		
	Color	1.07B (10Bit)		
	Brightness	LCD Panel: 300 cd/m ²		
	Contrast Ratio	4000:1 (standard Values)		
	Viewing Angle (CR > 10)	Horizontal: 178° (89°/89°) Vertical: 178° (89°/89°)		
	Input Frequency	Horizontal: 30~82 KHz Vertical: 50~75 Hz		
	Power Consumption	≤70W		
	Touch Screen Technical Parameter	Touch Screen Type	Capacitive Touch Screen	
Cover glass		3mm		
Transparency		85%		
Hardness		7H		
Interface		USB2.0		
Touch Point		10		
Response Time		≤10 ms		
Touch Method		Finger / Capacitive Pen		
Touch Lifespan		≥50,000,000		
Linearity		< 2%		
Single-point OS		Windows XP, Linux		
Multi-point OS		Windows7/10, Android		
Mother board Technical Parameter		Android Type	Amlogic T972	
		CPU	Quad-core Cortex-A55 up to 1.9GHz	
	RAM	2G		
	Storage Function	EMMC 16G		
	OS	Android 9.0		
	WIFI	Support		
	RTC (real-time clock)	Support		
	Network	one, 100M		
	Touch Monitor Technical Parameter	Boundary Dimension	1161.80mm x 682.80mmx (TBD) mm	
Power Supply		Input: ACC 220V±5%		
Power Consumption		Max: 90w;		
Audio		2*5W		
Installation		VESA 400x300mm		
Accessory		Power Line CCC Power Line, 1.5m, Black		
Temperature		Operating: 0°C-40°C; Storage: -20°C-60°C		
Humidity		Operating: 20%-80%; Storage: 10%-90%		
Operation Altitude		< 3000m		
Warranty		1 Year		

Product drawing

