

12.1 inch Panel Mount Touchscreen Product Specification

Model: YS-TPC121C



Part 1 Specification Abstract

	Model	Parameter
Display	LCD Size	12.1"
	Resolution	1024×768 (pixels)
	Display area	245.76mm×184.32mm
	Brightness (typ)	350cd/m ²
	Contrast Ratio (typ)	800:1
	Response Time (typ)	16ms
	Viewing angle	160° (H)/160° (V)
	Life Time (min)	30,000 hrs
	Display Colors	16.7M(8bit)
Touchscreen Monitor (standard)	HDMI	×1
	DVI	×1
	VGA	×1
	PC AUDIO-IN	×1
	USB(TOUCH)	×1
Android Configuration (Optional)	CPU	Rockchip RK3568 Cortex-A55×4, clocked 2.0GHz
	RAM	2GB (4G/8G optional)
	ROM	16GB (32G/64G optional)
	OS	Android 11 system
	Interface	MIC-IN×1, RJ45×1, HDMI×1, SD×1, SIM×1, USB×4, RS232×1
	I/O Port(Optional)	RS485×1, TTL×2
PC Configuration (Optional)	processor	Intel J1900 Quad Core/I3/I5/I7
	hard disk	64G SSD/128G SSD/256G SSD
	Memory	4GB/8GB
	WIFI	802.11 b/g/n
	System	Windows 10 inactive version
	Interface	HDMI×1, VGA×1, RJ45×1, USB×4, LINE-OUT×1, MIC-IN×1, RS232×2
	I/O Port(Optional)	RS232×6, LAN×2, USB×6
Power	Voltage	100V~240V, 50-60Hz
	Maximum power	60W
	Standby power	≤1W
Environment	Operating Temperature	-10°C~60°C
	Storage Temperature	-20°C~70°C
	Working Humidity	10%~90%RH
	Storage Humidity	5%~90%RH
Function	Speaker	2W×2

Structure	Shell Material	Aluminum
	Shell color	Industrial Grey +Black
	Product Size (mm) (L×W×D)	288.19×226.69×53mm
	Package Size (mm) (L×H× D)	373×341×140mm
Language	OSD	English/Chinese Etc.
Accessories	Adapter	×1
	HDMI Cable (VGA Cable Optional)	×1
	Touch USB Cable	×1
	Panel Mount Brackets	×4
	Product manual	×1

Part 2 Touch Panel Specifications

Touch Panel	Touch technology	PCAP
	Size	12.1 inch
	Interface	USB
	Input voltage	DC+5V±5%
	Input	Hand writing or capacitive pen
	Touch points	10 Points
	Surface Protection	2mm Toughened Glass
	Surface Hardness	≥6H
	Response time	10ms
	OS	Win 10/Android/Linux
	Working Temperature and humidity	-10°C~+60°C at Min 20% to Max 85% RH
	Storage Temperature and humidity	-20°C~+70°C at Min 20% to Max 85% RH

Part 3 Drawings

