

11.6 inch Industrial All-in-one Android Panel PC for Production

Line MES Terminal Attendance Machine

Size: 11.6"

This 11.6" industrial-grade panel PC is specially engineered for the MES system, realizing accurate information transmission, and production tracking in a timely.





11.6" Industrial Panel PC-Based MES Hardware Terminals

Model: SD116-S300

SD-OMEGA 11.6-inch industrial all-in-one panel PC engineered with ergonomic and solid, offers robust and reliable performance for digital production line MES terminal. It adopts to industrial-grade Android motherboard, meet the complex and harsh industrial environment. Support VESA, wall-hanging, and desktop mount. It is the best choice of MES terminals for data acquisition.

Product Features

- 11.6" display screen, 1920*1080 resolution
- HD LED industrial control screen
- Industrial-grade Android motherboard
- High compatibility, high/low-temperature resistance, anti-surge
- 2mm ultra-thin front bezel
- Robust Aluminum alloy housing
- IP65 seamless true flat panel
- Dustproof speaker holes
- 13.56MHz (read and write) NFC
- 100W HD 720P camera
- I/O ports expansion
- Support multiple functional modules, including NFC, RFID, scanner, camera, printer, etc.
- Exclusive equipment for MES manufacturing management system
- The installation method supports VESA, wall-mounted, embedded, desktop, etc.

Screen Parameters	Screen Display	11.6"
	Resolution	1920*1080
	Aspect Ratio	16:9
	Panel Type	Industrial control A level screen with TFT
	Viewing Angle	85/85/85/85 (L/R/U/D)
	Display Color	16.7M
	Brightness	300cd/m2
Interface Parameters	DC port	1*DC 2.1/industrial terminal
	HDMI	Support HDMI data output, maximum support 1080P
	USB-OTG	1
	RJ45 Ethernet	1*10M/100M/1000M adaptive Ethernet
	SD/TF	TF data storage, maximum support 64G
	Phone Jack	3.5mm standard interface
	SIM card	Standard SIM card interface supports various formats (depending on 3G/4G module)
	RS232	1*RS232(DB9)
	RS485/RS422	Optional
	GPIO	3-channel (industrial terminal)
	LED warning light	Optional
	Printer/Scan Code Gun/Microphone	Optional (external connected)
Wide voltage input	12V~36V Optional	
Hardware Configuration	CPU	RK3288-I, quad-core, 1.8GHz
	Storage/hard disk	EMMC 16G (16/32/64G optional, maximum support 64G)
	RAM	DDR3L default with 2G (4G optional)
	Chipset	Intel Bay trail SOC chipset
	Operating system	Android 7.1
	Graphics card	Mali-T764GPU dual-core, ultra-high performance GPU, supporting HDMI 4K output
	WiFi	Dual-frequency 2.4/5G
	Bluetooth / GPS / MIC	Optional
	RTC (real-time clock) /	Support
	NFC	13.56MHZ
	Camera	100W HD
LED indicator	Red/green/blue (combination)	

Touch Screen	Touch screen type	Projected capacitive touch screen
	Resolution	500DPI
	Input method	Handwriting or capacitive pen
	Surface hardness	7H
	Calibration	Support
Product Reliability	Operating temperature	-10 °C to +60 °C
	Storage temperature	-20 °C to +70 °C
	Humidity	95%, Non-Condensing
Power Supply	Power consumption (maximum)	15W
	Power consumption (standby)	≤2W
	Power input	AC 100-240V 50/60Hz
	Power output	DC12V / 4A