All-in-One Android Panel PCs with NFC/Camera For MES System in Digital Factory 24/7 Use

Size: 10.1

Fully integrated reliable Panel PCs are suitable for specialized MES system solutions. Support popular software applications.











SD-OMEGA B-Series Industrial MES Panel PC with NFC-Card Reader

This MES touch panel PC is powered by Android, Linux, or Ubuntu operating systems. It comes with a range of preinstalled Google apps such as the Google Play Store, Chrome, and a host of others. Equipped with a powerful RK3288 CPU and 2GB/4GB of RAM, which allows you to operate multiple apps at the same time.

Product Features

- 10.1" / 11.6" / 15.6" / 21.5" available in LCD size.
- Multi-touch capacitive touch screens.
- RK3288, quad-core processor, 2GB/4GB DDR3L memory.
- Industrial-grade LED touch screen, backlight life of over 50,000 hours.
- Aluminum alloy structure, resistant to corrosion/heat/chemical damage.
- Abundant interface, USB+VGA / LAN / DC interface, etc. Support I/O expansion.
- Install WiFi antenna for signal enhancement.
- IP65 rating protection.
- 7*24 hours operation.
- Various installation methods adapt to multiple environments.

Model Name	Screen Size	Resolution	Aspect Ratio
SD101-A15	10.1"	1280*800	16:10
SD116-A15	11.6"	1366*768	16:9
SD156-A15	15. 6"	1920*1080	16:9
SD215-A15	21.5"	1920*1080	16:9

Viewing Angle 80/80/80 (L/R/U/D)	Screen	Panel Type	Industrial control A level screen with TFT
Contrast 1000:1 Response time 6.5ms Brightness 300cd/m2 (Upgradable) DC port 1*DC 2.1/industrial terminal HDMI Support HDMI data output, support 1080P USB-OTG 1*USB2.0 USB-HOST 1*USB2.0 RJ45 Ethernet 1*10M/100M/1000M adaptive Ethernet SD/TF IF data storage, support TF Earphone Jack 3.5mm standard interface S1M card Standard S1M card interface, supports various formats (depending on 3G/4G/5G module) RS232 1*RS232 (DB9) RS485/RS422 Optional GP10 3-channel (industrial terminal) LED warning light Optional (external) Printer/Barcode Scanners/ Microphone Wide voltage input 12V~36V Optional CPU RK3288, quad-core, 1.8GHz GPU Mali-T764 Storage/hard disk EMMC 16GB (8/32/64GB optional) RAM DDR3L default with 2GB (4GB optional) Chipset Operating system DDR3L default with 2GB (4GB optional) Hardware Configuration WiFi Debian10.0 Hardware Configuration WiFi Bluetooth / GPS / MIC RTC (real-time clock) / Support Support Support Support Support Support		Viewing Angle	80/80/80 (L/R/U/D)
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clock) /		Bluetooth / GPS / MIC	Optional
NEC 12 56MU7		,	Support
15. 30MIL		NFC	13. 56MHZ
Camera 100W HD		Camera	100W HD
LED indicator Red/green/blue (combination)		LED indicator	Red/green/blue (combination)

Touch Screen	Touch screen type	Projected capacitive touchscreen
	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 input	AC 100-240V 50/60Hz
	Power output	DC12V / 4A