

# **Industrial Android Industrial PC with Touch Screen 10.4 Inch**

**Size: 10.4"**

10.4 inch industrial Android panel PC support capacitive touch screen and mouse control.







## Industrial Panel PC with Touch Screen and Android 6.0 / 7.1 / 9.0 / 10.0 Optional

### Model: SD104-A2

SD-OMEGA industrial Android panel PC provides high definition LCD display with a high-quality image, support ten-point capacitive touch or non-touch style. IP65 rated waterproof and dust-proof for the front bezel. They are suitable used under extreme temperature range at -20°C ~70°C. And support sunlight readable for outdoor and indoor devices.

<b>Display Parameters</b>	Size	10.4"
	Resolution	1024x768
	Screen Ratio	4:3
	Brightness	400 nits (Optional high brightness)
	Contrast Ratio	1000:1
	Viewing Angle	89/89/89/89 (L/R/U/D)
	Backlight type	LED backlight screen, service life ≥ 50000H
	Touch Screen	Capacitive, Resistive, or Non-touch options

Motherboard Model Selection		SD64	SD3288-I	SD3399-MAIN-L	SD3399-A	SD3568-A	SD3588-A	SD3588-G
System Architecture	CPU	A64 Quad-Core 1.5GHz	RK3288 Quad-Core 1.8GHz	RK3399 Six-Core 2.0GHz	RK3399 Six-Core 2.0GHz	RK3568 Quad-Core 2.0GHz	RK3588 Octa-Core 2.1GHz	RK3588 Octa-Core 2.1GHz
	Core Architecture	Cortex-A53	Cortex-A17	Dual-Core Cortex-A72 + Quad-Core Cortex-A53	Dual-Core Cortex-A72 + Quad-Core Cortex-A53	Cortex-A55	Quad-Core Cortex-A76 + Quad-Core Cortex-A55	Quad-Core Cortex-A76 + Quad-Core Cortex-A55
	GPU	Mali-T764	Mali-T764	Mali-T860 MP4	Mali-T860 MP4	Mali-G52 2EE	Mali G610 MP4	Mali G610 MP4
	Memory (DDR)	2GB (8GB optional)	2GB (4GB optional)	4GB	2/4GB	2GB (4/8GB optional)	4GB (8/32GB optional)	8GB (16/32GB optional)
	Storage (eMMC)	16GB (32/64GB optional)	16GB (32/64/128/256GB optional)	32GB (64GB optional)	32/64GB (256GB optional)	32GB (64/128/256GB optional)	64GB (128/256GB optional)	64GB (128/256GB optional)
	SATA	/	/	/	/	Support	/	1*SATA hard drive port
	Operating System	Android 6.0	Android 7.1 / 10.0 / Linux4.4 / Ubuntu18.04 / Debian10.0	Android 7.1 / 9.0 / 11 / Ubuntu18.04 / Debian10.0 / Linux4.4	Android 7.1/9.0/11, Linux 4.4 / Ubuntu 18.04 / Debian 10	Android 12 / Linux5.10 / Ubuntu 20.04 / Debian 11	Android 13.0	Android 12 / Linux 5.10 / Debian11 / Ubuntu 20.04

<b>Networking</b>	Ethernet	1*10M/100M adaptive Ethernet	1*10M/100M/100M adaptive Ethernet	1*10M/100M/100M adaptive Ethernet	1*10M/100M/100M adaptive Ethernet	1*10M/100M/100M adaptive Ethernet	1*Gigabit Ethernet + 1*100 Mbit Ethernet	2*10M/100M/1000M adaptive Ethernet	
	4G	Optional. Based on the 4G module selection							
	5G	/	/	/	/	/	/	Support M.2 5G module interface	
	WIFI	2.4G	Dual-band 2.4/5G	Dual-band 2.4/5G	Dual-band 2.4/5G	WIFI6, 2.4G	WIFI6, Dual-band 2.4/5G	WIFI5/WIFI6 (optional), dual-band 2.4/5G	
	Bluetooth	BT5.0	BT5.0	BT5.0	BT5.0	BT5.2	BT5.0	BT4.2 (WIFI 5) / BT5.0 (WIFI 6)	
<b>Display Function</b>	LVDS	Support 1920*1080 60Hz output							
	EDP	/	1920*1080 60Hz output					4K 3840*2160 output	
	MIPI	Support 1920*1080 60Hz output							
	Mipi Camera	30pin FPC interface, support 1300W Camera							
	HDMI Output	HDMI 2.0, support 4K 3840*2160 60Hz output					HDMI 2.1, support 8K 7680*4320 60Hz output		
	HDMI Input	/	HDMI Input, 24-pin FPC	/	HDMI Input, 24-pin FPC	/	/	HDMI 2.0, support 4K 3840*2160	

			custom interface		custom interface			60Hz input
<b>Touch Function</b>	Touch Interface	USB/IIC	USB	USB/IIC				
<b>I/O Ports</b>	MICRO USB	1*MICRO USB (OTG)	/	/	/	/	/	
	USB 2.0	USB2.0*2 + USB2.0*4 on board	USB2.0*2 (including OTG*1) + USB2.0*6 on board	USB2.0*5 on board	USB2.0*1 + USB2.0*5 on board	USB2.0*4 on board	USB2.0*1 + USB2.0*4 on board	USB2.0*5 on board
	USB 3.0	/	/	USB3.0*2 (including OTG*1)	USB3.0*1 (OTG)	USB3.0*2 (including OTG*1)	USB3.0*1 (OTG)	USB3.0*4 (including OTG*1)
	RS232	3*RS232/TTL mutual conversion	1*RS232, 2*TTL/RS232 optional	RS232*2	RS232*2	RS232*2	RS232*2	RS232*1; RS232/TTL*2 (optional)
	RS485	/ (Unless to RS485)	install RS232 converter)	RS485*1	RS485*1	RS485*1	RS485*1	RS485*1
	TTL	3*RS232/TTL mutual conversion	1*RS232, 2*TTL/RS232 optional	TTL*2	TTL*2	TTL*2	TTL*2	TTL*1; RS232/TTL*2 (optional)



	GPIO	3*GPIO output, 1*GPIO input, and 1*ADC port	GPIO*7 (input/output)	GPIO*8 (input/output)	GPIO*8 (input/output)	GPIO*12 (input/output)	GPIO*6 (input/output)	
	SIM Slot	Support	Support	Support	Support	Support	Support	
	TF Slot	Support	Support	Support	Support	Support	Support	
	CAN	/	/	/	/	Support	Support	
	Speaker	3.5mm standard Jack						
	MIC	Support	Support	Support	Support	Support	Support	
	Audio Port	3.5mm earphone jack, support input/output						
	I/O Expansion	Available						
<b>Power</b>	Power Input	12V DC	12V DC	12-36V DC	12-36V DC	12-36V DC	12-36V DC	12-36V DC
	Adapter	12V / 4A	12V / 4A	24V / 2.5A	24V / 2.5A	24V / 2.5A	24V / 2.5A	24V / 2.5A
<b>Mechanical</b>	Dimension	288*231*50.5mm						
	Enclosure	Aluminum alloy housing						

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	Cooling System	Fanless
	Mounting	Panel-mount, Embedded, desktop, wall-mounted, VESA75/100mm, open frame, etc.
<b>Product Reliability</b>	Working Temp	-20°C ~ 70°C
	Storage Temp	-30°C ~ 80°C
	Ambient Humidity	5% - 95% (relative humidity non-condensing)
	IP rating	Front IP65