Industrial Android Tablet PC PoE Dual LAN Ethernet Android 12.0 / 7.1 / 9.0 / 10.0

Size: 10.1" ~ 21.5"

Description:

Touch think fifth-generation Android all-in-one panel PC is specially designed for harsh industrial environments. They are not only built with reliable and stable quality assurance but also have passed serious industrial-grade inspection and certification. It supports capacitive, resistive, and non-touch modes, offering more flexible operation.

Fully closed aluminum alloy housing, rugged and robust. With dustproof, waterproof, and shockproof design, highly suitable for an industrial complex environment. Supports HDMI, USB, DC, TC, SIM, RJ45, and other interfaces, equipped with WiFi antenna to enhance the signal. These panel PCs support embedded mount, wall-mounted, VESA, desktop, and other installation methods. Support plug-and-play, remote wake-up, automatic reset, and other functions.

Model	LCD Display	Resolution	Aspect Ratio
TPC101-A5	10.1"	800*1280	16:10
TPC104-A5	10.4"	1024*768	4:3
TPC116-A5	11.6"	1920*1080	16:9
TPC120-A5	12"	1024*768	4:3
TPC150-A5	15"	1024*768	4:3
TPC156-A5	15.6"	1920*1080	16:9
TPC170-A5	17"	1280*1024	5:4
TPC173-A5	17.3"	1920*1080	16:9
TPC190-A5	19"	1280*1024	5:4
TPC191-A5	19.1"	1440*900	16:10
TPC215-A5	21.5"	1920*1080	16:9

Technical Parameters:

Screen Parameters	Gray-scale response time	5ms				
	Panel type	Industrial control A level screen with TFT				
	Point distance	0.264mm				
	Contrast	600:1 / 800:1 / 1000:1				
	Backlight type	LED, span life≥50000h				
	Display color	16.7M				
	Visual angle	160/160°(178° full view angle is customizable)				
	Brightness	300~1500cd/m2 (support high brightness)				
	Touch-type	Resistive / Capacitive / Mouse control				

Motherboard Model Selection		JWS64	JWS3288-I	JWS3399-MAIN-L	CX3399-A	CX3568-A	CX3588-A
Hardware Configuration	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
	Memory	2GB (8GB optional)	2GB (4GB optional)	4GB	2/4GB	2GB (4/8GB optional)	8GB (16GB optional)
	Storage	16GB (32/64GB optional)	16GB (32/64GB optional)	32GB (64GB optional)	32/64GB (256GB optional)	32GB (64/128GB optional)	64GB (128GB optional)
	Architecture	Cortex-A53	Cortex-A17	Dual-Core Cortex-A72 + Quad-Core Cortex-A53	Dual-Core Cortex-A72 +	Cortex-A55	Quad-Core Cortex-A76 + Quad-Core Cortex-A55

					Quad-Core Cortex-A53	
	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.	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
	GPU	Mali-T764	Mali-T764	Mali-T860MP4	Mali-T860 MP4	Mali-G52 2EE	Mali G610 MP4
	4G/5G Module	Support (Optional)	Support (Optional)	Support (Optional)	Support (Optional)	Support (Optional)	Support (Optional)
	WIFI	2.4G (dual-band 2.4/5G optional)	2.4G (dual-band 2.4/5G optional)	Dual-band 2.4/5G	Dual-band 2.4/5G	Dual-band 2.4/5G	Dual-band 2.4/5G
	Bluetooth	BT4.2	BT4.2	BT4.2	BT5.0	BT5.2	BT5.0
	GPS	Optional	Optional	Optional	Optional	Optional	Optional
	MIC	Optional	Optional	Optional	Optional	Optional	Optional
	RTC, real-time clock	Support	Support	Support	Support	Support	Support
	Timing Turn On/Off	Support	Support	Support	Support	Support	Support
	System Upgrade	-	Support SD, and USB upgrade	Support USB upgrade	Support USB upgrade	Support USB upgrade	Support USB upgrade
Other Parameters	Power consumption	≤35W					
	Power input	AC 100-240V, 50/60HZ					

	Power Output	DC 12V / 4A
	Anti-static	contact 4KV-air 8KV (≥16KV can be customized)
	Anti-vibration	GB2423 standard
	Anti-interference	EMC	EMI anti-electromagnetic interference
	Dustproof and waterproof	IP65 dust-proof and waterproof for the front panel
	Housing material	Black/Silver, Aluminum Alloy
	Installation method	Embedded, desktop, wall-mounted, VESA, Open frame optional
	Relative humidity	95%, Non-Condensing
	Working temperature	-10°C～60°C (-30°～80°C customizable)
	Language menu	Chinese, English, German, French, Korean, Spanish, Italian, Russian
I/O Interface	Signal Interface	DVI, HDMI, VGA
	Power connector	DC with ring attachment (optional DC terminal block)
	Touch interface	USB I/O Interface
	Other interfaces	Audio input and output

Manufacturer: Shenzhen Touch Think Intelligence Co.,Ltd