

Open Frame ARM All-in-One Panel PC

It adopts RK3288 Cortex-A17 quad-core processor, and is equipped with Android 7.1 system, with a main frequency of up to 1.8 GHz, and excellent performance. Adopting the Mali-T764 GPU, it supports most of the mainstream decoding schemes under 1080 P @ 60 fps and H.264/MVC/VP8 decoding schemes under 1080 P @ 30 fps. Whether it's game, score or decoding, it's super, and it's your best choice in human-computer interaction project.

Features >>

- Four sizes of 7"/8"/10.1"/11.6" are available.
- High integration, realizing WiFi/Bluetooth/Ethernet triple connection.
- Rich interfaces and flexible expansion.
- Self-developed ARM architecture motherboard, smooth human-computer interaction experience.
- API reference code is provided to support customization of SDK secondary development.
- Flexible and diverse open installation methods.



CPU RK3288 quad-core	Rich interfaces	12V-36V	Dual-band WiFi	SDK software	Android 7.1
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7"/8"/10.1"/11.6" Optional

Product Model >>

Product size	7"			8"			10.1"			11.6"		
Touch mode	Non-touch	Capacitive touch	Resistance touch									
Product model	TPC070-A1601	TPC070-A1611	TPC070-A1621	TPC080-A1601	TPC080-A1611	TPC080-A1621	TPC101-A1601	TPC101-A1611	TPC101-A1621	TPC116-A1601	TPC116-A1611	TPC116-A1621
Resolution	1024*600			800*1280			800*1280			1366*768		
Screen Scale	16:9			16:10			16:10			16:9		
Brightness	300cd/m ²			450cd/m ²			300cd/m ²			250cd/m ²		
Contrast ratio	500:1			600:1			1000:1			1000:1		
Viewing Angle	85/85/80/85 (L/R/U/D)			80/80/85/85 (L/R/U/D)			85/85/85/85 (L/R/U/D)			85/85/85/85 (L/R/U/D)		
Back Cover Style												

Product Installation >>



Open mounting back effect



Positive effect of open installation

Product Specifications >>

Hardware Configuration

CPU	RK3288, quad-core, 1.8GHz
GPU	Mali-T764
RAM	2G DDR3 (Optional 4G/8G)
Storage	16G eMMC (Optional 8G/32G/64G)
System	Android 7.1/10.0/12, Linux4.4, Ubuntu18.04/20.04, Debian10.0
Ethernet	1*10M/100M/1000M adaptive Ethernet
WIFI	Built-in dual-band WiFi, 2.4GHz
Bluetooth	BT4.2
Network support	4G, Ethernet, support for WiFi/Bluetooth 4.0, wireless peripheral expansion
Decoding resolution	Up to 3840 * 2160
Picture format	Support BMP, JPEG, PNG, GIF, etc
TF card	Support TF card extension

Touch parameters

Capacitive Touch	Touch screen type: 10 point touch projection capacitive touch screen Light transmittance: $\geq 88\%$ Input mode: handwriting or capacitive pen Controller communication: USB
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: $\geq 78\%$ Input mode: Fingertip or stylus Controller communication: USB
Non touch	Light transmittance: $\geq 92\%$

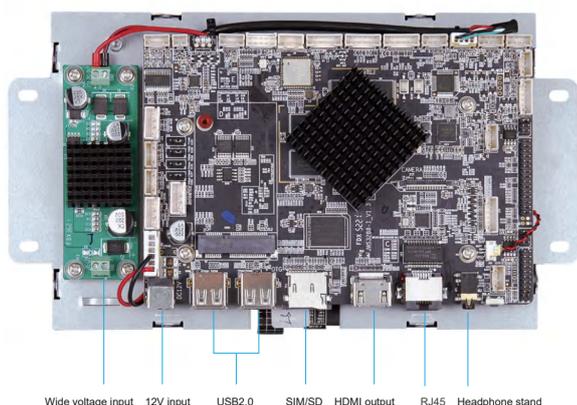
Reliability parameters

working temperature	Operating temperature: -10°C – 60°C , storage temperature: -20°C – 70°C
Operating humidity	Humidity: 95% non condensing
Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS

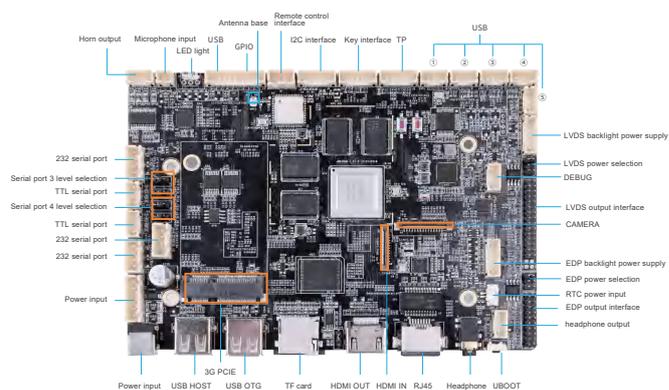
Other parameters

Power input	12V-36V power input
Static power	18W
warranty policy	Three years (one year free warranty)
Installation method	Open installation

Interface Distribution >>



(Only 10.1-inch interface is shown)



(3288-I main board interface)