

# 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 f p s and H.264/MVC/VP8 decoding schemes under 1080 P @ 30 f p s. Whether it's game, score or decoding, it's super, and it's your best choice in human-computer interaction project.

## Features >>

- 10.1"/11.6" two sizes 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



<b>CPU</b> RK3288 quad-core	 Rich interfaces	 9V~36V	 Dual-band WiFi	 SDK software	 Android 7.1
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10.1"/11.6"Optional

ISO FC CE CCC RoHS 10 X

## Product Model >>

Product size	10.1"			11.6"		
	Touch mode	Non-touch	Capacitive touch	Resistance touch	Non-touch	Capacitive touch
Product model	TPC101-A1601	TPC101-A1611	TPC101-A1621	TPC116-A1601	TPC116-A1611	TPC116-A1621
Resolution	800*1280			1366*768		
Screen Scale	16:10			16:9		
Brightness	300cd/m <sup>2</sup>			250cd/m <sup>2</sup>		
Contrast ratio	1000:1			1000:1		
Viewing Angle	85/85/85/85 (L/R/U/D)			89/89/89/89 (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	8G eMMC (Optional 16G/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	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: $\geq 92\%$

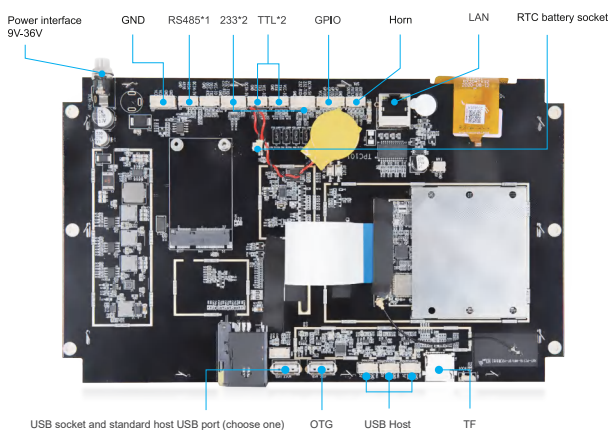
### Reliability parameters

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

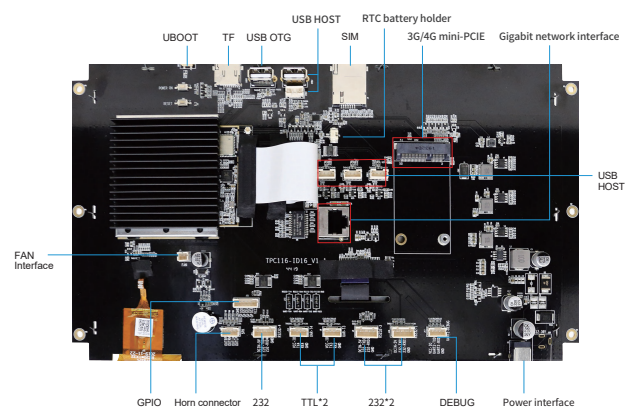
### Other parameters

Power input	9V-36V power input
Static power	18W
warranty policy	Three years (one year free warranty)
Installation method	Open installation

## Interface Distribution >>



(10.1 inch, PCB: 4-ply plate, size: 257 \* 157mm, plate thickness: 1.6mm, screw hole specification:  $\varnothing$  3.2mm x 6)



(11.6 inch, PCB: 4-ply plate, size: 289.8 \* 168.2mm, plate thickness: 1.6mm, screw hole specification:  $\varnothing$  3.2mm x 6)