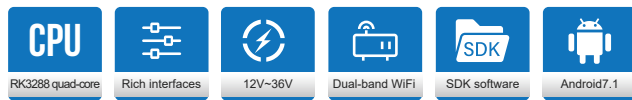


TPC070-A16

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 >>

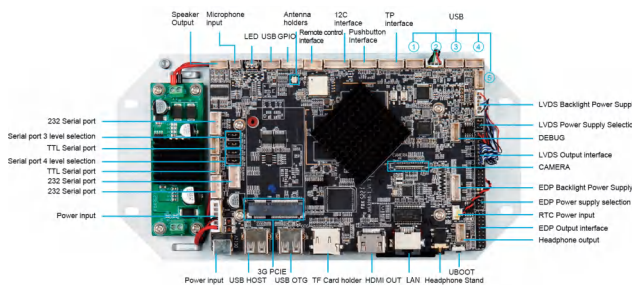
- High integration, realizing WiFi/Bluetooth/Ethernet triple connection
- High definition, high definition screen
- Self-developed ARM architecture motherboard, smooth human-computer interaction experience
- Rich interfaces for flexible expansion
- Provide API reference code, support SDK secondary development customization
- Flexible and versatile open installation



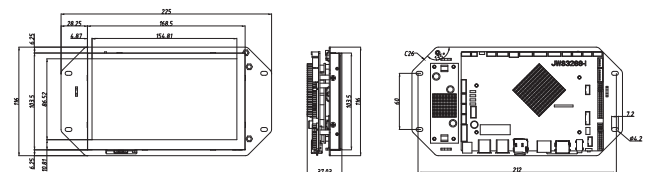
Product Model

Product Size	7"
Capacitive touch	TPC070-A1611

Product Interface



Product size



Physical Characteristics

Overall dimensions	W225x H116x D37.03mm
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Product Reliability

Working Temperature	-10°C ~ 60°C
Storage temperature	-20°C ~ 70°C
Relative 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
Authentication	CCC/CE/FC/EMC/CB/ROHS

Touch Screen

Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

Product Specifications

Screen Parameters

LCD Size	7" TFT LCD	Colour	16.7M
Resolution	1024*600 (Aspect Ratio 16:9)	Brightness	300 cd/m ²
Viewing Angle	75/75/70/75 (L/R/U/D)	Contrast ratio	500:1

Hardware Configuration

CPU	RK3288, quad core	USB interface	1*USB OTG, 1*USB HOST, 4*USB sockets
CPU frequency	1.8GHz	COM	Default 2 * 232, 1 * DEBUG port, optional 2 * TTL
GPU	Mali-T764	Picture format	Support BMP, JPEG, PNG, GIF, etc
RAM	2G DDR3 (Optional 8G)	GPS	External GPS (optional)
Storage	16G eMMC (Optional 8G/32G/64G)	TF card	Support TF card extension
WiFi	2.4GHz / 5GHz dual bands	Audio and video output	Support left and right channel output, built-in dual 4R/2W, 8R/2W power amplifier
Bluetooth	BT5.0(Optional)	System upgrade	Support local TF and USB upgrade
Operating system	Android 7.1/10.0/12.0/Linux4.4/Ubuntu18.04/20.04/Debian1.0		

Power parameters

Input voltage	DC 12V~36V	Static Power	18W
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