

深圳金亚太科技有限公司
Shenzhen Geniatech Co.,Ltd.

SPECIFICATION

MODEL:TPC1010Q

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Revision History

VERSION	DATE	BOARD ID	PAGE	DESCRIPTION	AUTHOR
V1.0	2017/11/16				ChunMing
V1.1	2018/03/08				RockyLiu

1. GENERAL DESCRIPTION

TPC1010Q is an Android Customized Tablet PC with below new features:

- (I) 10.1" color TFT LCD, 10points projected capacitive touch screen
- (II) Quad Core A53 @1.2GHz, Android 5.1/6.0/Linux/Win10 IoT
- (III) 2GB RAM, 16GB eMMC flash, external expansion storage TF card (max. 32GB)
- (IV) Plastic frame, support wall mount and desktop
- (V) USB, SD, TF external storage, support program playback
- (VI) Built-in GPS, WiFi, BT, LAN interface
- (VII) Designed for retail, interactive communication

*1.TPC1010Q can support 2GB RAM /16GB EMMC (2GB/16GB Optional) .

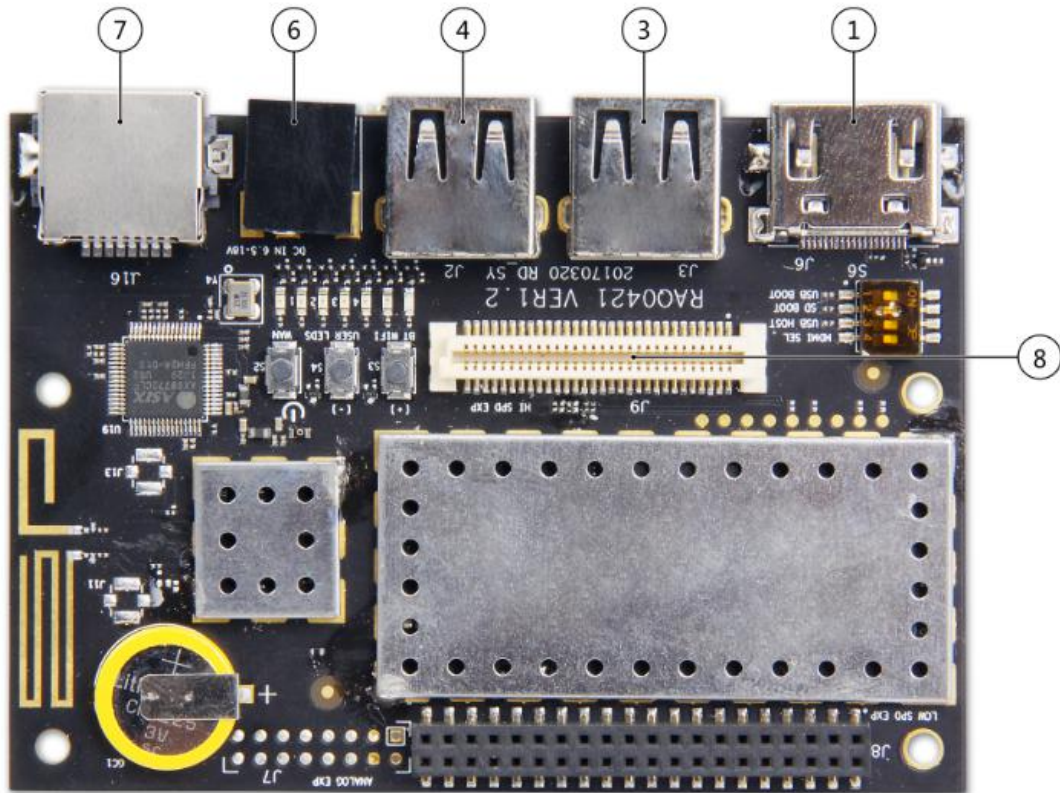
Note:The optional functions are marked with “*”.

2.PRODUCT LAYOUT

Below pictures are for reference only, please prevail in kind.



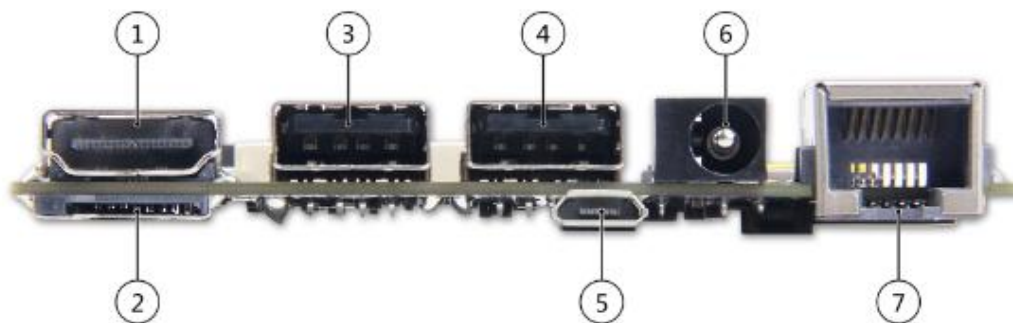
2.1 BOARD INTERFACES VIEW



No.	Name	Description
1	HDMI OUT	HDMI out*1
3	USB Host	USB Host 2.0*1 type A
4	USB Host	USB Host 2.0*1 type A
5	USB Host	USB Host 2.0*1 micro B
6	DC IN	12V
7	RJ45	Ethernet 10/100M
8	EXPANSION CONNECTOR	HS EXPANSION CONNECTOR

2.2 BOARD FRONT VIEW

No.	Name	Description
1	HDMI OUT	HDMI out*1
2	SD	SD card *1(max. 32GB)
3	USB Host	USB Host 2.0*1 type A
4	USB Host	USB Host 2.0*1 type A
5	USB Host	USB Host 2.0*1 micro B
6	DC IN	12V
7	RJ45	Ethernet 10/100M



3.FEATURES

CHIPSET	Qualcomm MSM8909	
MARKET AREA	Global	
OSD LANGUAGE	English/Chinese(multi language OSD)	
Processor	OS	Android 5.1/6.0/Linux/Win10 IoT
	CPU	Quad Core A53 @1.2GHz Qualcomm Snapdragon 410 CPU
	GPU	Qualcomm® Adreno™ 306 GPU
	DDR	2GB
	EMMC FLASH	16GB
Panel	Panel type	TFT LCD
	Interface	MIPI
	Resolution(Max)	1280*800
	Voltage	3.3 V
Touch Screen	10 Point Capacitive	
NETWORK	Ethernet	RJ45, 10/100M
	WiFi	802.11 b/g/n
	Bluetooth	BT 4.0 LE and earlier
Display	Panel	10.1" LCD
	Resolution	1280*800
	Contrast	800:1
	Brightness	350 cd/m2
	Screen	16:9
Standby Power	<0.5W	
Interface	SD	SD card *1(max. 32GB)
	HDMI	HDMI out*1
	USB Host	1*USB 2.0 micro B ; 2*USB 2.0 type A
	DC IN	DC IN*1
Speakers	2*3W	
Camera	N/A	
Monitor	258.3*177.0*25.8 mm	
Master Carton	392*312*402 mm 1pcs/carton	

Adapter	DC12V / 1.5A
Accessory	Users manual*1,Adapter*1,bracket*1
Customizable GUI	We provided GUI customization and we have a vast collection of Launcher created by our R&D team for you to choose from.
Rich Applications	There are over 1 million applications in the market, and supports most famous applications like: Youtube, Facebook, and Twitter, etc..

4.Support Formats

Media Remark	Feature	MSM8909
VIDEO	Encode	H.264 BP/MP - 720p, 30 fps
		MPEG-4 SP / H.263 P0 - WVGA, 30 fps
		VP8 - WVGA, 30 fps
	Decode	H.264 BP/MP/HP - 1080p , 30 fps
		MPEG-4 SP/ASP - 1080p , 30 fps
		DivX 4x/5x/6x - 1080p , 30 fps
		H.263 P0 - WVGA, 30 fps
		VP8 - 1080p , 30 fps
		(HEVC) H.265 MP 8-bit - 1080p , 30 fps
AUDIO	MP3/WMA/AAC etc.	
PHOTO	Jpeg, jpg	

5.Precautions for use

- 1.Relative humidity: $\leq 80\%$.
- 2.Storage temperature:-10 ~ 60 °C
- 3.Operation temperature:0~ +40°C
- 4.Do not squeeze ,distort or disassemble the PC.
- 5.Keep the PC away from static electricity .
- 6.Keep the PC away from water and other liquid.
- 7.Clean the PC with soft and clean dry cloth when it's dirty.
- 8.Don't use long connect wires which may affect performance and image quality.