

深圳金亚太科技有限公司

Shenzhen Geniatech Co.,Ltd.

SPECIFICATION**MODEL:APC329L3**

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CONTENT

1.GENERAL DESCRIPTION.....	1
2.PRODUCT PICTURE.....	1~2
3.FEATURES.....	.3
4. Support FORMATS.....	...3
5. PRECAUTIONS FOR USE	4

Revision History

VERSION	DATE	BOARD ID	PAGE	DESCRIPTION	AUTHOR
V1.0	2021/08/04				
V1.1	2021/12/31				

1. GENERAL DESCRIPTION

APC329L3 is an entry-level industrial ARM PC. Its shell is composed of a metal bottom shell and a plastic top shell with good heat dissipation performance. Meanwhile, its built-in 4G LTE module can access the cellular networks of different countries in the world, and it has strong decoding ability. It is suitable for OTT/IPTV media player boxes, commercial display media player boxes, commercial Android hosts, etc. It is fully functional and convenient:

- (I) Quad core ARM Cortex-A55 CPU @ 1.8GHz, ARM G31™ MP2 GPU
- (II) support Android 9.0 OS
- (III) 2GB RAM, 8GB eMMc
- (IV) support 802.11.a/b/g/n/ac(2.4G&5.0G optional) and BT4.0 or above
- (V) support 3G/4G LTE module build-in
- (VI) Support Ethernet 1000M
- (VII) Support Watch dog & RTC(Optional)
- (VIII) Support 1 * HDMI out
- (IX) Built-in 1 * USB2.0 + 1 * USB3.0 + 1 * IR reception

2. PRODUCT PICTURE

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



3.FEATURES

CPU	Amlogic S905X3, 64 Bit Quad Core ARM Cortex-A55
GPU	ARM G31™ MP2
RAM	2GB LPDDR4(4GB optional)
ROM	8GB EMMC(16GB/32GB optional)
Network	1000M Ethernet / 2x2 MIMO 2.4GHz/5GHz 802.11 a/b/g/n/ac / BT4.0 or above
I/O	USB3.0 x 1/USB2.0 x 1/HDMI OUT/SIM Card Slot/RS-232/IR IN
OS	Android 9.0
DRM	Playready / Widewine
Power	Adapter 5V/2A
Appearance	108mm x 104mm x 28mm, 280g
Environment	Operation temperature:0~ +55°C, 10%≤Relative humidity≤90%

4.Support Formats

Media Remark	Codec	Remark
VIDEO	MPEG-1	up to MP/HL 1080P@60fps(ISO-11172)
	MPEG-2	up to MP/HL 1080P@60fps(ISO-13818)
	MPEG-4	up to ASP/L5 1080P@60fps(ISO-14496)
	H.264	up to AVC HP@L5.1 : 4Kx2K@30fps

	H.265	Up to HEVC MP-10@L5.1 4Kx2K@60fps
	WMV/VC-1	up to SP/MP/AP : 1080p@60fps
	VP9	up to Profile-2 4Kx2K@60fps
	AVS-P16(AVS+)/AVS-P2	Up to JiZhun Profile 1080P@60fps
	AVS2-P2	Up to Profile 4Kx2K@60fps
	Real Video 8/9/10	Up to 1080P@60fps
	Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats	
AUDIO	Supports MP3, AAC, WMA, RM, FLAC, Dolby AudioOptional, DTSoOptional and programmable with 7.1/5.1 down-mixing	
PHOTO	Mjpeg, Jpeg, jpg	

5.Precautions for use

- 1.Storage temperature:-10 ~ +70°C
- 2.Do not squeeze、 distort or disassemble the PC.
- 3.Keep the Board away from static electricity .
- 4.Keep the Board away from water and other liquid.
- 5.Don't use long connect wires which may affect performance and image quality.