

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

SPECIFICATION
MODEL:APC395X3

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Revision History

VERSION	DATE	BOARD ID	PAGE	DESCRIPTION	AUTHOR

1. GENERAL DESCRIPTION

APC395X3 is a powerful multimedia playback box and an entry level ARM PC with below new features:

- (I) Quad-core ARM Cortex-A55 CPU, Android 9.0 OS
- (II) Support 2GB DDR3, 8GB eMMC flash, external expansion storage Micro SD card (Max 128G)
- (III) One USB3.0 Type-A and one USB2.0 Type A, Micro SD Card slot
- (IV) Built-in WiFi (Support 2.4G and 5.8G)/BT4.2 , 10M/100M/1000M LAN interface
- (V) one HDMI-out , Up to 3840 * 2160 60hz
- (VI) Support RS-232/Audio Out (Pins shared)
- (VII) Applicable to commercial display player

2. PRODUCT OVERVIEW

Below picture is for reference only, please prevail in kind.





No.	Name	Description
1	Power Key	*1
2	IR	*1
3	Net LED	*1
4	SD Card Slot	*1
5	Power LED	*1(Blue/Green)
6	USB2.0	*1
7	USB3.0	*1
8	DC IN	*1(5V/2A)
9	AV OUT/RS-232	Shared in one Slot
10	HDMI Out	*1
11	RJ45	*1
12	Antenna	WIFI Antenna

3.FEATURES

CHIPSET		Amlogic S905X3	
MARKET AREA		Global	
Processor	OS		Android 9.0
	CPU		Quad-core ARM Cortex-A55
	GPU		ARM Mali-G31 MP2 850MHz
	DDR3		2GB (1G optioal)
	EMMC FLASH		8GB (16G Optional)
NETWORK	Ethernet	RJ45, 10/100/1000M	
	WiFi	WIFI/802.11.AC	
	Bluetooth	BT4.2	
Interface	HDMI Out	*1	
	USB 3.0	*1	
	USB 2.0	*1	
	SD	*1	
	RS-232/Audio Out	*1 (shared in one slot)	
	DC IN	*1	
Adapter		DC5V / 2A	
Dimensions		105x100x27mm	
Accessory		Adapter*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.	

4.SUPPORT FORMATS

Audio Decoder

Supports MP3,AAC,WMA,RM,FLAC,Ogg and programmable with 7.1/5.1 down-mixing

Video Decoder

VP9 Profile-2 up to 4Kx2K@60fps

H.265 HEVC MP-10@L5.1 up to 4kx2k@60fps

H.264 AVC HP @L5.1 up to 4kx2k@30fps

H.264 MVC up to 1080P@60fps

MPEG-1 MP/HL up to 1080P@60fps

MPEG-2 MP/HL up to 1080P@60fps

MPEG-4 ASP@L5 up

WMV/VC-1 SP/MP/AP up to 1080P@60fps

RealVideo 8/9/10 up to 1080P@60fps

Support .mkv/.wmv/.mpg/.mpeg/.dat/.avi/.mov/.iso/.mp4/.rm/.jpg file formats

5.Precautions for use

- 1.Relative humidity: $\leq 80\%$.
2. Operation temperature: 0~ 50℃
- 3.Do not squeeze、 distort or disassemble the PC.
- 4.Keep the Board away from static electricity .
- 5.Keep the Board away from water and other liquid.
- 6.Don't use long connect wires which may affect performance and image quality.