

深圳金亚太科技有限公司

Shenzhen Geniatech Co.,Ltd.**SPECIFICATION****MODEL:ATV316MAX**

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Revision History

VERSION	DATE	BOARD ID	PAGE	DESCRIPTION	AUTHOR
V1.0	2023/10/31				

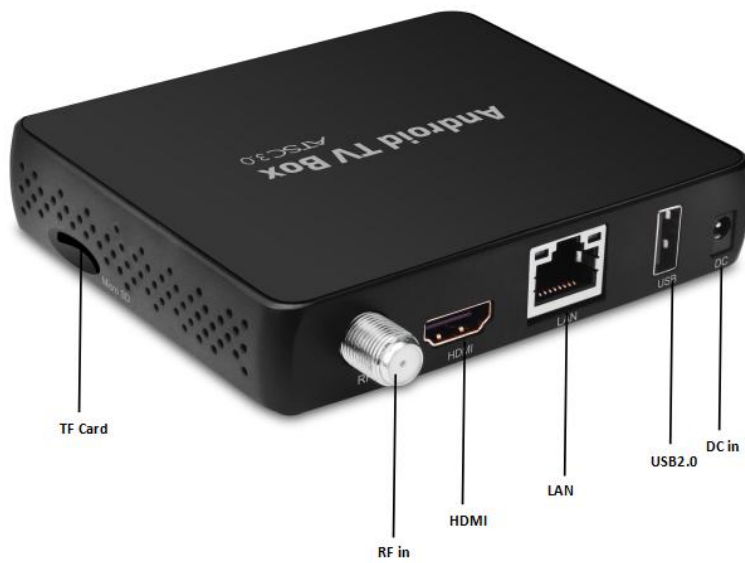
1. GENERAL DESCRIPTION

The ATV316MAX is powered by Amlogic's ultra-low power SOC (S905Y4-B); it is a cost-effective Android box that supports the latest ATSC 3.0 standard in the US and Korea.

- (I) Quad core ARM Cortex-A35 CPU @ 2.0GHz, ARM G31 MP2 GPU
- (II) support Android 11.0 OS
- (III) 2GB RAM (4GB Option) , 8GB EMMC(16G/32G Option) , MicroSD Card Slot
- (IV) support 802.11.a/b/g/n/ac(2.4G&5.0G) and BT4.2
- (V) support Tuner in(ATSC3.0/ATSC1.0 Dual Tuner&single option)
- (VI) Support Ethernet 10 / 100M
- (VII) Support RTC
- (VIII) Support 1 * HDMI out
- (IX) Built-in 1 * USB2.0 (Contains an OTG) + 1 * IR reception
- (X) can be used for rich multimedia activities such as live webcasts and on-demand videos.

2. PRODUCT PICTURE

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



3.FEATURES

CHIPSET		Amlogic S905Y4-B	
MARKET AREA		USA/Korea	
OSD LANGUAGE		English/Chinese (multi language OSD)	
Processor		OS	Android 11.0
		CPU	Quad core ARM Cortex-A35 CPU @ 2.0GHz
		GPU	ARM G31 MP2 GPU
		DDR	2GB (4G Optional)
		EMMC FLASH	8GB (16G/32G Optional)
NETWORK	WiFi	802.11.a/b/g/n/ac (2.4G/5.0G Optional)	
	Bluetooth	BT4.2	
Standby Power		<0.5W	
I/O		HDMI OUT	1 * HDMI out
		LAN	1 * 10/100M
		USB 2.0	1 * USB2.0
		OTG	1 * OTG (Shared USB2.0 interface)
		Micro SD	1 * Micro SD
		DC IN	1 * DC IN
		IR reception	1 * IR reception
		RF IN	Support ATSC3.0/ATSC1.0
		LED	1 * (Red/Blue)
Size		101.8*85.2*22.8mm	
DC IN		5V/2A	
Adapter		1 * Adapter(AC100 ~ 240V 50/60Hz)	
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

Media Remark	Codec	Remark
VIDEO	AV1	up to MP-10/L5.1 4Kx2K@60fps
	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 fileformats	
AUDIO	Supports MP3, AAC, WMA, RM, FLAC, Dolby AudioOptional, DTSoOptional and programmable with7.1/5.1 down-mixing	
PHOTO	Mjpeg, Jpeg, jpg	

5.Precautions for use

- 1.Relative humidity: ≤85% .
- 2.CPU Operation temperature: 0~ 85℃
- 3.Storage temperature:-10 ~ +60℃
- 4.Operation temperature:0~ +40℃
- 5.Do not squeeze、 distort or disassemble the PC.
- 6.Keep the Board away from static electricity .
- 7.Keep the Board away from water and other liquid.
- 8.Don't use long connect wires which may affect performance and image quality.