

Android 10 Quad Core Allwinner H616

Android 10 Quad Core Allwinner H616	
Processor	X96Q MAX Android 10
Chipset	Allwinner H616 Quad Core ARM Cortex A53
GPU	G31 Mali-G31
RAM	DDR3: 4GB
Storage	eMMC: 32GB (Expandable: 64GB)
OS	Android 10.0
Network	IEEE 802.11b/g/n/ac
Video Engine (AVE) Capabilities	
Video Engine (AVE)	<p>Video Engine (AVE) Capabilities:</p> <ul style="list-style-type: none"> 4Kx2K@60fps 1x1080P@60fps "H.265 Main10@L5.1" 4Kx2K@60fps 6K@30fps AVS2-P2 4Kx2K@60fps H.264 BP/MP/HP@L4.2 4Kx2K@30fps H.263 BP 1080P@60fps MPEG-4 SP/ASP@L5 1080P@60fps (ISO-14496) MPEG-2 MP/HL 1080P@60fps (ISO-13818) MPEG-1 MP/HL 1080P@60fps (ISO-11172) Xvid 1080P@60fps Sorenson 1080P@60fps VP8 1080P@60fps AVS/AVS JiZhun 1080P@60fps WMV9/VC1 SP/MP/AP 1080P@60fps JPEG HFIF 45MPPS MJPEG JPEG (ISO/IEC-10918) *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm, *.jpg
Audio	<p>MP3, AAC, WMA, RM, FLAC, Ogg</p> <p>7.1/5.1</p> <ul style="list-style-type: none"> (DAC) 16-bit / 20-bit DAC -8kHz to 192kHz -95/-2dB SNR@A-weight, -80/-dB THDN, 0.55Vrms One128*24 FIFO DAC TDM/PCM/I2S 384kHz x32bits x 8ch 96kHz x 32bits x 32ch I2S 384kHz x 32bits x 8ch PDM, CIC, LPF, HPF DMIC 8-channels DAC PCM, I2SPCM
I/O	
1 * HDMI	4K*2K UHD, HDMI 2.0A
1 * Display	480i/576i
3 * USB	3*USB 2.0
1 * Infrared (IR)	
1*RJ45	

1 * 内存 TF	内存 4GB/8GB/16GB/32GB/64GB
电源	电源适配器 5V/2A; 电源接口: USB
接口	
格式	HD JPEG, BMP, GIF, PNG, TIF
系统	Android 9.0 操作系统 支持 蓝牙 4.2 版本 支持 红外遥控
兼容性	兼容 Netflix, Hulu, Flixster, Youtube 等 兼容 Android Market, Amazon App Store 等 兼容 HDD, USB U, 内存 TF



4K HDR
Smart TV Box

Cortex-A53

Mali-G31

Quad-Core

OpenGL 3.2

OpenCL 2.0

Vulkan 1.1

ALLWINER[®]
H616

A detailed 3D rendering of an Allwinner H616 processor chip mounted on a circuit board. The chip is square with a glowing blue border and features the Allwinner logo and 'H616' text. The surrounding circuit board is dark blue with glowing blue traces and components. The overall aesthetic is futuristic and technical.

Android 10

Large storage, can hold more applications you like



Chrome



Netflix



YouTube



KODI



Passed GTVS test, featuring 4K 60fps

H.265 decoding

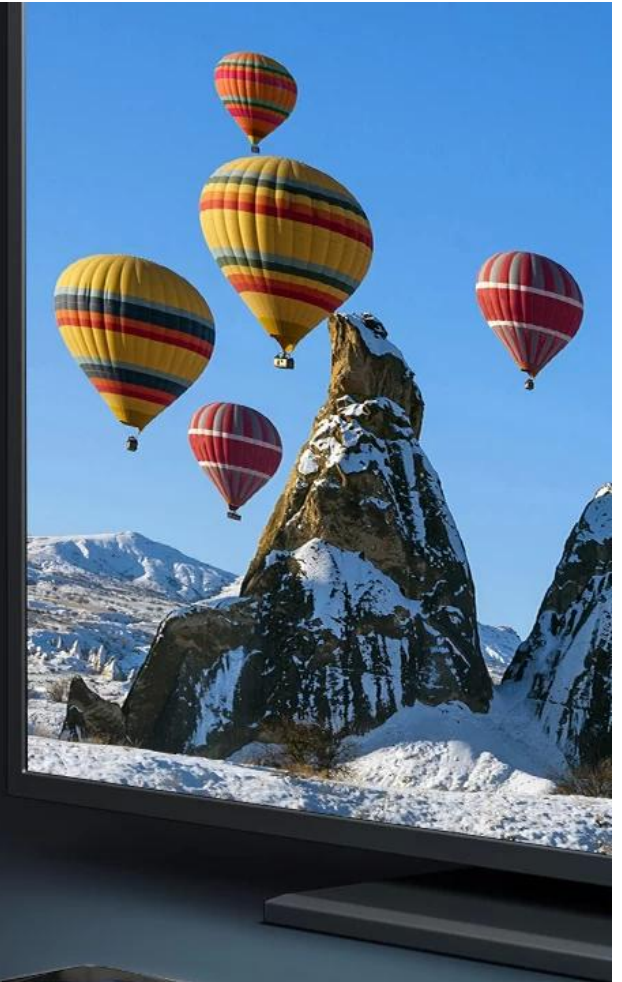
4K 60fps

VP9 decoding

4K 60fps

AVS decoding

4K 60fps





Non Anti-shake

Other models

Our model

Anti-shake

SDR

HDR



Other models


Our model

3D Denoise



Airplay 

DLNA 

Miracast 

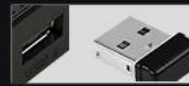


2.4G/5G WiFi+BT5.0



Other models

Our model



DC

HDMI

AV

USB2.0

USB2.0



OPTICAL

ETHERNET

USB2.0

TF CARD



Package Contents



Device



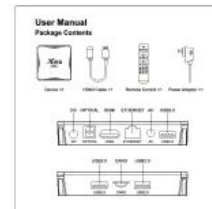
IR Remote Control
(Battery not Included)



Power Supply



HDMI Cable



User Manual

Product comparison

Parameter \ Chip	H616	RK3318	S905X3
CPU	Quad Core Cortex-A53	Quad core Cortex-A53	Quad-core Cortex-A55
GPU	Mali G31 OPenGL ES 3.2	Mali 450 OpenGL ES 2.0	Mali G31 OpenGL ES 2.0
H.265 decoding	4K@60fps / 6K@30fps	4K@60fps	4K@60fps
OS	Android 10	Android 9.0	Android 9.0
Frequency	1.35GHz	1.2GHz	1.2GHz
Run Score	57934	49320	49620

* The running score data is only a single test result of professionals

Android 10 Allwinner H616 Quad Core

Allwinner H616 Quad Core

Android 10
Google Play Store

4K HDR
USB
Wi-Fi Bluetooth
USB

Allwinner H616 Quad Core Android 10 TV Box
HDMI, USB Wi-Fi Bluetooth
USB

TV Box
TV Box

Allwinner H616 Quad Core Android 10 TV Box