

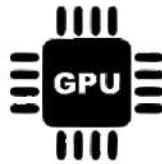


Q100

2GB RAM | 16GB FLASH
4GB RAM | 32GB FLASH
4GB RAM | 64GB FLASH



Allwinner H616 Quad Core
ARM Cortex A53



G31 OPenGL3.2
GPU processor



10/100 M
Ethernet port



4K*2K UHD Output
HDMI 2.0A



480i/576i
standard definition output



Android 10.0



IEEE 802.11 b/g/n/ac
2.4Gh/5Gh



2* USB Host Port



Support
4GB/8GB/16GB/32GB/64GB

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SPECIFICATIONS

Bluetooth

- Yes(Optional)

Moudle

- Plastic : Black Color

1*Optical

- Digital Audio Output

Power

- DC 5V/2A

Real-Time Clock (RTC)

- YES

VIDEO

- Video Engine (AVE) with dedicated hardware decoders and encoders
- Support multi-video decoder up to 4Kx2K@60fps+1x1080P@60fps
- Supports multiple "secured" video decoding sessions and simultaneous decoding and encoding

Video Decoding

- Vp9 Profile 2 up to 4Kx2K@60fps
- H.265 Main10@L5.1 up to 4Kx2K@60fps, or 6K@30fps
- AVS2-P2 Profile up to 4Kx2K@60fps
- H.264 BP/MP/HP@L4.2 up to 4Kx2K@30fps
- MPEG-4 SP/ASP@L5 up to 1080P@60fps(ISO-14496)
- MPEG-2 MP/HL up to 1080P@60fps(ISO-13818)
- MPEG-1 MP/HL up to 1080P@60fps(ISO-11172)
- Xvid up to 1080P@60fps
- Sorenson Spark up to 1080P@60fps
- Vp8 up to 1080P@60fps
- AVS/AVS+ JiZhun Profile up to 1080P@60fps
- WMV9/VC1 SP/MP/AP up to 1080P@60fps
- JPEG HFIF file format up to 45MPPS
- Multiple language and multiple format sub-title video support
- MJPEG and JPEG unlimited pixel resolution decoding(ISO/IEC-10918)
- Supports JPEG thumbnail, scaling, rotation and transition effects
- Supports *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats

AUDIO

- Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1/5.1 down-mixing Audio Codec
- Two audio digital-to-analog(DAC) channels
- Support 16-bit and 20-bit sample rate
- 8kHz to 192kHz DAC sample rate
- 95+/-2dB SNR@A-weight, -80+/-dB THD+N, output Level more than 0.55Vrms
- One 128*24-bits FIFO for DAC data transmit
- Built-in TDM/PCM/I2S ports with TDM/PCM mode up to 384kHz x 32bits x 8ch or 96kHz x 32bits x 32ch and I2S mode up to 384kHz x 32bits x 8ch
- Digital microphone PDM input with programmable CIC, LPF & HPF, support up to 8 DMICs
- Built-in stereo audio DAC
- Supports concurrent dual audio stereo channel output with combination of analog+PCM or I2S+PCM