

Amlogic S905 ARM Cortex-A53 CPU 2.0 GHz 5.1 1G / 8G 4K2K S9

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S9	
Amlogic S905 ARM Cortex™ -A53 CPU 2.0 GHz DVFS	
Mali-450 750Mhz +	
8GB	
1GB DDR3	
5V / 2A	
LED <0.5W	
Android™ 5.1	
H.265 HEVC MP-10@L5.1 4Kx2K @ 60fps	
H.264 AVCHP™@L5.1 4Kx2K @ 30fps	
H.264 MVC 1080P @ 60fps	
MPEG-4 ASP @ L5 1080P @ 60fps ISO-14496	
WMV / VC-1 SP / MP / AP 1080P @ 60fps	
AVS-P16 AVS + / AVS-P2 1080P @ 60fps	
MPEG-2 MP / HL 1080P @ 60fps ISO-13818	
MPEG-1 MP / HL 1080P @ 60fps ISO-11172	
RealVideo 8/9/10 1080P	
WebM VGA	
MJPEG JPEG ISO / IEC-10918	
JPEG	
*.mkv *.wmv *.mpg *.mpeg *.dat *.avi *.mov *.iso *.mp4 *.rm *.jpg	
DSP MediaCPU	
MP3 AAC WMA RM FLAC Ogg 5.1	
SPDIF / IEC958 PCM	
JPEG BMP GIF PNG TIF	
4K * 2K UHD HDMI™ 2.0	
1 * AV 480i / 576i	
3 USB 2 * USBHost 1 * USB	
1 * RJ45 1000M LAN	
1 * SD™ / MMC 4GB / 8GB / 16GB / 32GB / 64GB	
Netflix Hulu Flixster Youtube	
android™	
HDD U SD™ / MMC	
SKYPE MSN Facebook Twitter QQ	
DLNA 2.4G	

Amlogic S905

- 1 * Amlogic S905
- 1 * HDMI
- 1 *
- 1 *
- 1 *



Picture Show



Indicator



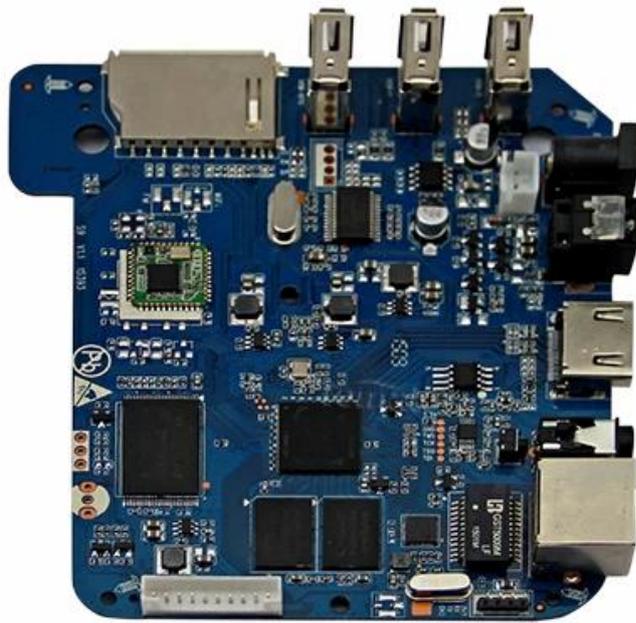
USB*3

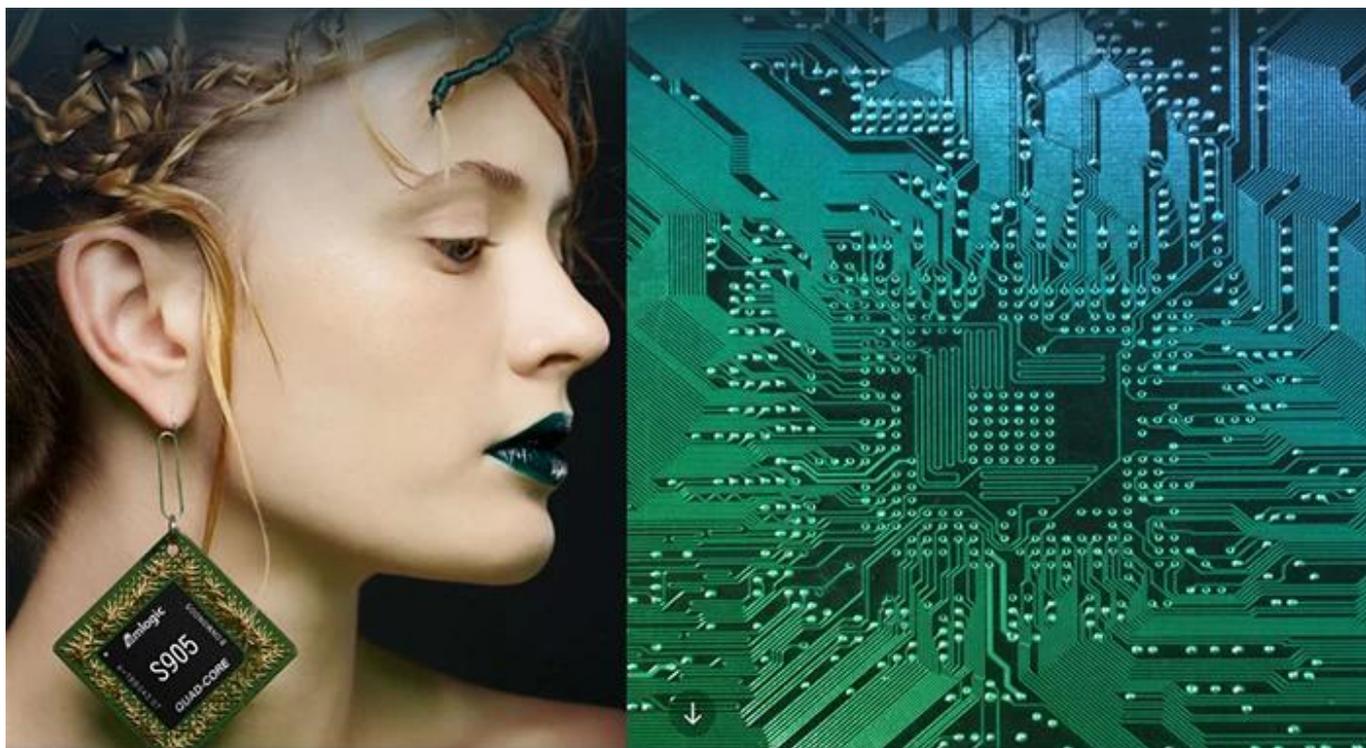
SD/MMC Card



ON/OFF Button DC Port RJ45 ETHERENT AV Port HDMI™ OPTICAL Port







S905

64-Bit
Quad Core
Cortex A53

4K

H.265
@60fps

HDMI 2.0
HDCP 2.2

TSMC
28NM

DRM



64 bit CPU,

While maintaining the same power consumption, the computing power of CPU has also been greatly improved.

With 4K2K decoding capabilities,
it make 4K become the standard.



The color quantity is increase by 60 times more than the previous generation.



10 bit decoding, it could highest support 1.07 billion color,
Compared to the previous generation of 16.7 million colors, it increase by 60 times.

The sound upgrade,
while supporting Dolby Digital Plus and DTS.



3 + 2 core high-frequency GPU,
it make the TV turn into the PlayStation.



The single core CPU frequency increase of 25%, 5-core computing speed can be achieved by the previous generation 8-core, it allowing you to experience smooth gaming.

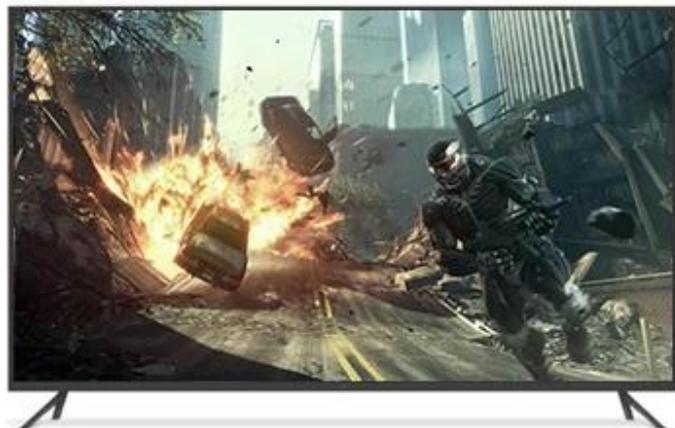
Support 802.11ac WiFi protocol.

200 Mbps
实际速率

120 Mbps
上一代实际速率



Wireless projection the image&video
of the phone/computer onto the TV.



Miracast



Airplay



DLNA



SMB
共享协议



Intel@WIDI

Equipped with smart contiguous
memory allocation technology,
make the system running more smoothly.



4.1



Bluetooth[®]



HD2.0
Image output



HD1.0
Image output

Home entertainment, perfect enjoyment

- Extreme graphics, HD2.0 Image output
 - 1000M Ethernet LAN
-



Unforgettable visual
experience.

1920 * 1080 HD



Support 3D



1080P



Ultra Wide Vision

It's all about speeding up.



1G DDR3 dual channel memory and 8GB eMMC high speed flash memory.

The dual channel memory runs 1080p HD videos and large games flawlessly,
while the eMMC high speed flash memory controls apps, games, and multi-media storage with ease.

Everything comes alive with 3D.



Experience home entertainment in 3D!



S905

One of industry's first multimedia SoCs with 64-bit architecture, S905 is designed to deliver immersive theatre-level home entertainment to the users with excellent audio and video processing capabilities. It also supports operator-level security and is a perfect choice for OTT/IPTV/DVB STB, TV dongle and smart home applications.