

# 2015 10月10日 G9C Quad Core Android 5.1 Amlogic S905 四核四核四核四核四核四核

Amlogic S905 Quad Core WiFi Device Smart Box  
Watch TV Channels Through Wifi or Internet



**G9C**

<b>DRM</b>	<b>64-Bit Quad Core Cortex A53</b>	<b>H.265 @60fps</b>	<b>4K</b>	<b>HDMI 2.0 HDCP 2.2</b>	<b>TSMC 28NM</b>
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Amlogic S905 Quad Core WiFi Device Smart Box	
Model	G9C
Processor	Amlogic S905 四核四核四核四核四核四核 ARM Cortex™ -A53 CPU 四核四核 2.0 GHz (DVFS)
GPU	Penta-Core Mali-450 四核四核 750Mhz
Memory	四核四核四核四核 8GB
RAM	1GB DDR3
Power Supply	
Power Input	四核四核 5V/2A
Power Consumption (LED)	四核四核 :四核四核; 四核四核四核: 四核四核
Software	
Operating System	Android™ 5.1 四核四核
3D Support	3D-HD 1080Px2
Video Support	HD MPEG1/2/4,H.264 /H.265, HD 四核四核/CVC-1,RM/RMVB,Xvid/DivX3/4/5/6 , RealVideo8/9/10, HEVC MP-10
Audio Support	Avi/Rm/Rmvb/Ts/Vob/Mkv/Mov/ISO/Wmv/Asf/Flv/Dat/Mpg/Mpeg/ MP4
Subtitle Support	MP3/WMA/AAC/WAV/OGG/AC3/DDP/TrueHD/DTS/DTS/HD/FLAC/四核四核
Image Support	HD JPEG/BMP/GIF/PNG/TIFF
USB	2 USB 2.0 四核四核四核四核 四核四核 U DISK 四核四核 USB HDD
Storage	SD™ /四核四核 SDHC/MMC
HDD	FAT16/FAT32/NTFS
Network	四核四核/SMI/四核四核/SSA/IDXUSB
Display	四核四核四核四核四核四核四核四核四核四核 SD / HD / 4K2K Ultra HD 四核四核四核四核四核四核
OSD	四核四核 / 四核四核四核 / 四核四核四核 / 四核四核 / 四核四核 四核四核 四核四核四核四核
Network	四核四核四核四核四核:1000M, 四核四核四核 RJ-45 (四核四核四核四核 IEEE 802.3 10/100/1000 Gigabit)
Bluetooth	四核四核 IEEE802.11 b/g/n Bluetooth™ 4.1EDR
Frequency	四核四核四核四核四核四核四核四核四核四核 USB 四核四核四核四核四核四核四核四核 2.4GHz 四核四核四核四核 USB 2.4GHz
HDMI™	HDMI™ 2.0 (CEC 四核四核 HDCP 2.2), 4K X 2K @60 fps
AV	四核四核四核四核
四核四核四核四核	四核四核四核四核
3D	四核四核四核四核
SPDIF/IEC958	四核四核四核四核
IPTV 四核四核 OTT	四核四核四核四核四核四核 IPTV 四核四核 OTT 四核四核四核四核
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四核四核四核四核四核四核	Miracast, Kodi, Airplay, Skype Chatting, Picasa, Youtube, Flicker, Facebook, 四核四核四核四核四核四核 四核四核





# Picture Show



Indicator Light Port





Micro SD Card

USB

USB



AV Port

RJ 45 ETHERNET

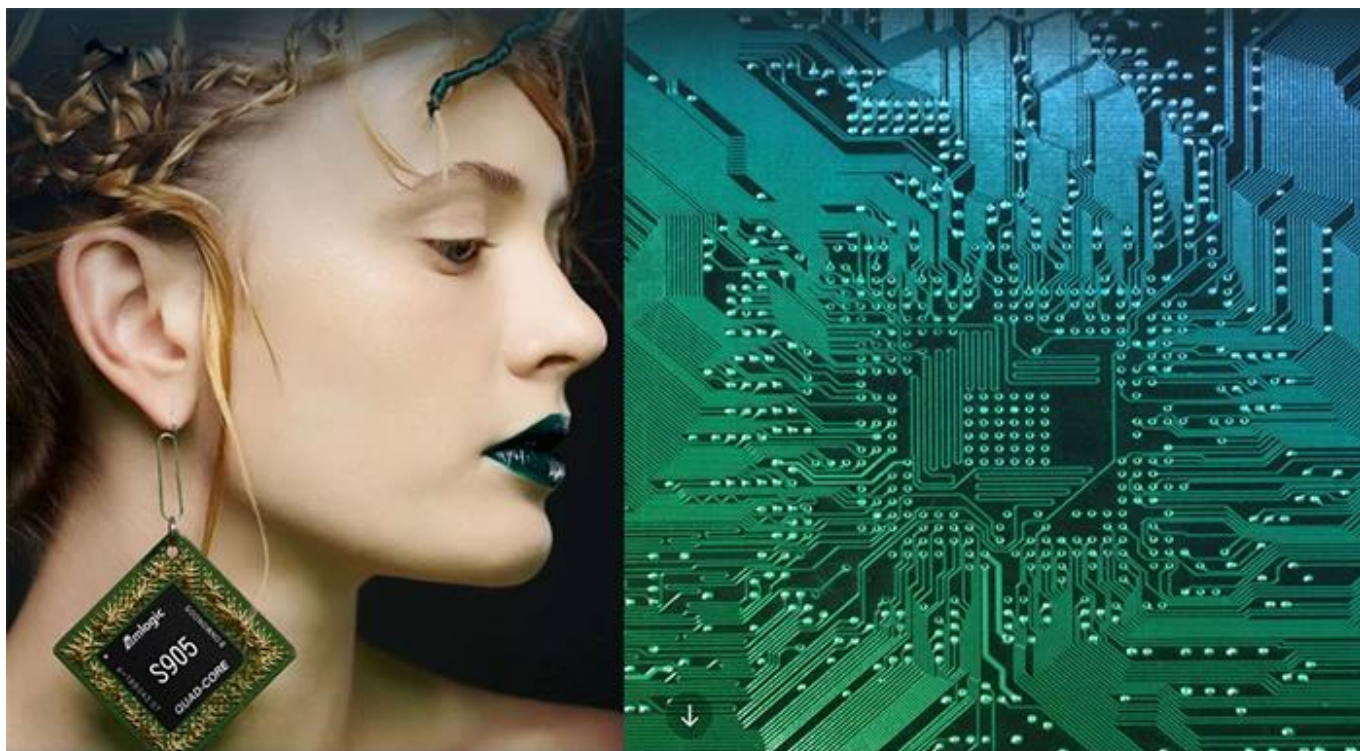
HDMI™

Optical Port

Power 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.



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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.

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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.



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# 4.1



# Bluetooth<sup>®</sup>

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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.



**1GB**  
DDR3  
dual channel memory



**8GB**  
eMMC  
flash memory

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.

Amlogic S905 Quad Core Android 5.1 2015

**Quad Core** G9C

**Android 5.1**

Android 5.1  
Google Play Store  
Android

**Full HD**

Full HD

HDMI, USB Wi-Fi/Ethernet

Smart TV Box  
Netflix, Hulu Amazon Prime Video

G9C

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