

Amlogic S905 Quad Core WiFi Device Smart Box
Watch TV Channels Through Wifi or Internet
TV PoE (Power over Ethernet) TV

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



DRM	64-Bit Quad Core Cortex A53	H.265 @60fps	4K	HDMI 2.0 HDCP 2.2	TSMC 28NM
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General	
Model	G9C PoE (Power over Ethernet) Smart TV Box
CPU	Amlogic S905 Quad Core ARM Cortex-A53 CPU @ 2.0GHz (DVFS)
GPU	Penta-Core Mali-450 @ 750Mhz +
Storage	8GB EMMC
SDRAM	1GB DDR3
Power	
Power	DC 5V / 2A
Power LED	Power On: Red; Power Off: Green
OS	
OS	Android 5.1 Lollipop
3D	3D-HD 1080Px2
Video Support	HD MPEG1 / 2 / 4, H.264/H.265, HD AVC / VC-1, RM / RMVB, Xvid / DivX3 / 4 / 5 / 6, RealVideo8 / 9 / 10, HEVC MP-10
Video Format	Avi / Rm / Rmvb / Ts / Vob / Mkv / Mov / ISO / Wmv / Asf / Flv / Dat / Mpg / Mpeg / MP4
Audio Format	MP3 / WMA / AAC / WAV / OGG / AC3 / DDP / TrueHD / DTS / DTS / HD / FLAC / APE
Image Format	HD JPEG / BMP / GIF / PNG / TIFF
USB Support	USB 2.0 2 ports, U Disk, USB HDD
Storage Support	SD™ / SDHC / MMC
HDD Support	FAT16 / FAT32 / NTFS
File Support	SRT / SMI / SUB / SSA / IDX + USB
Resolution	1080P / 720P / 4K2K Ultra HD
OSD Support	OSD / On-Screen / Remote / Keyboard / Mouse
LAN	1000M, RJ-45 (IEEE 802.3 10/100/1000)
Wireless	IEEE802.11 b / g / n Bluetooth™ 4.1EDR
USB / WiFi	USB 2.0 / 2.4GHz USB / 2.4GHz WiFi
HDMI™	HDMI™ 2.0 (CEC, HDCP 2.2), 4K X 2K @ 60fps
AV	AV
IR	IR
PoE (Power over Ethernet)	PoE
SPDIF / IEC958	SPDIF
IPTV / OTT	IPTV / OTT
Features	
Features	Miracast, Kodi, Airplay, Skype Chatting, Picasa, Youtube, Flickr, Facebook, etc.

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PoE (Power Over Ethernet) Android TV Box □□□□ □□□□□□□□□ □□ Wi-Fi □□□□ 2.4GHz □□ □□□, □□□ □ □□ □□, □ HD1080p □□□ □□□, PPPOE, DLNA □ Miracast □ □□ □□ □□, USB □ □□□□□ □□ □□□.

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- 1 * PoE (Power over Ethernet) Android TV □□
- 1 * HDMI □□□
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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.



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.





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.