

# Amlogic S905X2 Quad Core 4GB DDR4 32GB eMMC Android 8.1 Google TV Box

specifications	
Template No.	Amlogic S905X2 Quad Core 4GB DDR4 32GB eMMC Android 8.1 Google TV Box
processor	Short circuit AmCart S905X2 Quad Core Cortex A53 2 GHz
GPU	ARM Dvalin MP2 GPU
rom	LPDDR4: 4 GB
Internal storage	eMMC: 32 GB (Option: 64 GB)
OS	Android 8.1
Audio and video CODEC	
video	<ul style="list-style-type: none"> <li>• Amlogic Video Engine (AVE) with dedicated hardware decoders and encoders</li> <li>• Supports multi-video decoder up to 4Kx2K at 60fps + 1x1080P at 60fps</li> <li>• Supports multiple "secure" video decoding sessions and simultaneous decoding and encoding</li> <li>• Video / image decoding               <ul style="list-style-type: none"> <li>- VP9 Profile-2 up to 4Kx2K @ 60fps</li> <li>- H.265 HEVC MP-10@L5.1 up to 4Kx2K at 60 fps</li> <li>- AVS2-P2 profile up to 4Kx2K at 60 fps</li> <li>- H.264 AVC HP@L5.1 up to 4Kx2K at 30 fps</li> <li>- H.264 MVC up to 1080P @ 60 fps</li> <li>- MPEG-4 ASP @ L5 up to 1080P @ 60 fps (ISO-14496)</li> <li>- WMV / VC-1 SP / MP / AP up to 1080P @ 60fps</li> <li>- AVS-P16 (AVS +) / AVS-P2 JiZhun profile up to 1080P @ 60 fps</li> <li>- MPEG-2 MP / HL up to 1080P @ 60 fps (ISO-13818)</li> <li>- MPEG-1 MP / HL up to 1080P @ 60 fps (ISO-11172)</li> <li>- RealVideo from 8/9/10 to 1080 P at 60 fps</li> <li>- Support for video subtitles in multiple languages and multiple formats</li> <li>- Unlimited pixel resolution MJPEG and JPEG (ISO / IEC-10918)</li> <li>- Supports thumbnail, resizing, rotation and JPEG transition effects</li> <li>- Supports *.mkv, * formats. Wmv, *. Mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg</li> </ul> </li> </ul>
Audio	<ul style="list-style-type: none"> <li>Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1 / 5.1 down-mixing</li> <li>SPDIF / IEC958 input / output integrated serial digital audio and PCM input / output</li> <li>TDM / PCM / I2S ports integrated with TDM / PCM mode up to 384kHz x32bits x 8ch or 96kHz x 32bits x 32ch and I2S mode up to 384kHz x 32bits x 8ch</li> <li>PDM digital microphone input with programmable CIC, LPF and &amp; HPF, supports up to 8 DMICs</li> <li>Integrated stereo audio DAC</li> <li>Supports simultaneous output of two stereo audio channels with a combination of analogue + PCM or I2S + PCM</li> </ul>
I/O	
1 * HDMI	HDMI 2.1, HDMI CEC support, Dynamic HDR and HDCP 2.2.4Kx2K @ 75 maximum resolution output.
1 * AV OUT	Standard definition output 480i / 576i
2 * USB	1 * USB 3.0; 1 * USB 2.0
1 * IR Reciver	Remote Reciver connection
1 * RJ45	Ethernet interface; Support 10/100 / 1000M
Bluetooth	Bluetooth 4.x + HS; Supports remote voice command
1 * TF CARD	It supports 4 GB / 8 GB / 16 GB / 32 GB / 64 GB
Power	DC 5V / 2A; LED indicator, working: blue;
Others	
Image	HD JPEG, BMP, GIF, PNG, TIF
language	English French German Spanish Italian etc. Multilateral languages
Option	Browse all video websites, supports Netflix, Hulu, Flixster, Youtube, etc. Apps download free Android Market, Amazon App Store, etc. Local multimedia playback, Supports HDD, U Disk, TF card.

X96<sup>Max</sup> Smart Box



# Android 8.1 Coming...

Smart , Faster.



# X96Max Smart Box



## Configuration table

 S905x2	<b>Android</b> 8.1	<b>CPU</b> 4 Core 64bit
<b>ARM</b> Cortex A53	<b>GPU</b> Davlin MP2	<b>LAN</b> 1000M
<b>H.265</b> HEVC	<b>VP9</b> HDR10+	<b>WiFi</b> 2.4/5.8G 802.11.ac
<b>4K</b>	<b>BT</b> 4.0	<b>eMMC</b> LPDDR4





X96<sup>Max</sup> Smart Box



## Neural Networks API

Smarter, Faster, and more powerful than ever chipset.



# X96Max Smart Box



5V

OPTICAL

HD

ETHERNET

AV

IR

USB3.0

USB2.0

CARD

## X96<sup>Max</sup> Smart Box



# New Generation Memory

Say goodbye to Background Cleaning and Sluggish Performances.

We adopted the newest cutting edge LPDDR4 Memory.

4GB  
LPDDR4 RAM

32GB  
eMMC ROM





## X96<sup>Max</sup> Smart Box



4K

ULTRA HD

X96<sup>Max</sup> Fully supporting Premium 4K UHD contents with a powerful 64bit CPU and Dvalin MP2 GPU combination in place to handle 4K graphics and offers strikingly realistic pictures.



# X96Max Smart Box



## AirPlay

Enjoy it on the big screen  
And the best speakers



Your video/ music/photo from your Android devices /ios devices through DLNA /Airplay/onto big screen.  
Enjoy the best gast best gaming& entertainment experience





# X96<sub>Max</sub> Smart Box



## X96<sub>Max</sub> Support HDR+



HDR makes it's possible that color gamut expands 100% and maximum

# X96<sup>Max</sup> Smart Box



## LCD Pannel:

Time: System Time Display.

HD: HD Video Output Status Display.





CVBS: AV Status Display.

USB: USB Mount Status Display.

CARD: TF Card Mount Status Display.

# X96<sup>Max</sup> Smart Box



  <b>USB 3.0</b> SuperSpeed USB Theoretical speed up to <b>5Gbps</b> (practical speed up to 300MB/s)	<b>VS</b>	  <b>USB 2.0</b> High speed USB Theoretical speed up to <b>480Mbps</b> (practical speed up to 35/40MB/s)
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**USB3.0**





# X96Max Smart Box



Elevate your TV viewing experience with the Amlogic S905X2 Quad Core 4GB DDR4 32GB eMMC Android 8.1 Google TV Box. Packed with powerful features and advanced technology, this device delivers high-quality streaming, gaming, and more.

## 1. Powerful Quad Core Processor:

The Amlogic S905X2 Quad Core processor ensures fast and smooth performance, allowing you to stream your favorite content without any interruptions.

## 2. 4GB DDR4 RAM and 32GB eMMC Storage:

With 4GB of DDR4 RAM and 32GB of eMMC storage, you have plenty of space to store apps, games, and media files. Enjoy lag-free multitasking and quick access to your favorite content.

## 3. Android 8.1 Operating System:

Experience the versatility of the Android 8.1 operating system. Access thousands of apps, games, and streaming services from the Google Play Store for endless entertainment options.

#### **4. 4K Ultra HD and HDR Support:**

Enjoy stunning visuals with support for 4K Ultra HD resolution and HDR (High Dynamic Range) technology. Immerse yourself in lifelike colors, sharp details, and enhanced contrast for a cinematic viewing experience.

#### **5. Dual-band WiFi and Ethernet Connectivity:**

Stay connected with dual-band WiFi and Ethernet connectivity. Enjoy fast and stable internet connections for seamless streaming, browsing, and gaming.

#### **6. Google TV Integration:**

With Google TV integration, you can access personalized recommendations, content suggestions, and voice search functionality. Discover new shows, movies, and apps tailored to your preferences.

#### **7. USB and HDMI Ports:**

Connect external devices easily with USB and HDMI ports. Expand your entertainment options by connecting gaming consoles, Blu-ray players, external storage, and more.

#### **8. Easy Setup and User-friendly Interface:**

Set up your Android TV Box quickly and navigate with ease. Enjoy a user-friendly interface, customizable settings, and intuitive controls for a seamless user experience.

#### **9. Streaming and Gaming Capabilities:**

Stream your favorite movies, TV shows, and music from popular streaming platforms. Take your entertainment to the next level with gaming apps and casual games available on the Google Play Store.

#### **10. Compact and Stylish Design:**

The sleek and compact design of the Amlogic S905X2 TV Box complements any home entertainment setup. Its modern look adds a touch of elegance to your living space.

Upgrade your entertainment experience with the Amlogic S905X2 Quad Core [Android TV Box](#). Enjoy high-quality streaming, versatile connectivity options, and a world of entertainment at your fingertips.