

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

<p>Amlogic S905X2 Quad Core 4GB DDR4 32GB eMMC Android 8.1 Google TV</p> <p>AmCart S905X2 Quad Core Cortex A53 2 GHz</p> <p>ARM Dvalin MP2 GPU</p> <p>LPDDR4: 4GB</p> <p>eMMC: 32 GB (Option: 64 GB)</p> <p>Android 8.1</p>
<p><b>CODEC</b></p> <p>Amlogic Video Engine (AVE) 4Kx2K 60fps 1x1080P 60fps</p> <p>"RealVideo" 8/9/10 1080 P 60 fps</p> <ul style="list-style-type: none"> <li>- VP9-2 4Kx2K @ 60fps</li> <li>- H.265 HEVC MP-10@L5.1 4Kx2K 60 fps</li> <li>- AVS2-P2 4Kx2K 60 fps</li> <li>- H.264 AVC HP@L5.1 4Kx2K 30 fps</li> <li>- H.264 MVC 1080P @ 60</li> <li>- MPEG-4 ASP @ L5 1080P @ 60 (ISO-14496)</li> <li>- WMV / VC-1 SP / MP / AP 1080P @ 60fps</li> <li>- AVS-P16 (AVS) / AVS-P2 JiZhun 1080P @ 60 fps</li> <li>- MPEG-2 MP / HL 1080P @ 60 fps (ISO-13818)</li> <li>- MPEG-1 MP / HL 1080P @ 60 fps (ISO-11172)</li> <li>- RealVideo 8/9/10 1080 P 60 fps</li> <li>- MJPEG / JPEG (ISO / IEC-10918)</li> <li>- *mkv, *Wmv, *. Mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm</li> <li>*.jpg</li> </ul>
<p>MP3, AAC, WMA, RM, FLAC, Ogg 7.1 / 5.1</p> <p>SPDIF / IEC958 / PCM</p> <p>TDM / PCM / I2S 384kHz x32bits x 8ch</p> <p>96kHz x 32bits x 32ch I2S 384kHz x 32bits x 8ch</p> <p>PDM CIC, LPF &amp; HPF</p> <p>DMIC 8</p> <p>DAC</p> <p>PCM I2S PCM</p>
<p>1 * HDMI</p> <p>1 * 480i / 576i</p> <p>2 * 3.0; 1 * 2.0</p> <p>1 * IR</p> <p>1 * RJ45</p> <p>4.x HS; 10/100 / 1000M</p> <p>1 * TF</p> <p>4GB / 8GB / 16GB / 32GB / 64GB</p> <p>5V / 2A; LED</p>
<p>HD JPEG, BMP, GIF, PNG, TIF</p>



# 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



SuperSpeed USB  
Theoretical speed  
up to **5Gbps**  
(practical speed  
up to 300MB/s)

**VS**



High speed USB  
Theoretical speed  
up to **480Mbps**  
(practical speed  
up to 35/40MB/s)

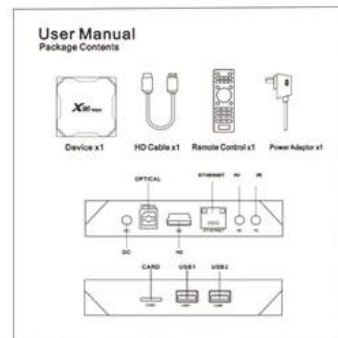


**USB3.0**





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## 1. Quad Core

Amlogic S905X2 Quad Core

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

4GB DDR4 RAM eMMC 32GB

**3. Android 8.1:**

Android 8.1 Google Play Store

**4. 4K Ultra HD HDR:**

4K Ultra HD HDR (High Dynamic Range)

**5. WiFi:**

WiFi

**6. Google TV:**

Google TV

**7. USB HDMI:**

USB HDMI Blu-ray

**8.:**

**9.:**

Google Play Store

**10.:**

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