Onenuts Amlogic S905X2 14nm Chipset 4K Ultra HD USB3.0 Android Set-Top Box

specifications	
Template No.	Android Set-Top 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	Ÿ Amlogic Video Engine (AVE) with dedicated hardware decoders and encoders Ÿ Supports multi-video decoder up to 4Kx2K at 60fps + 1x1080P at 60fps Ÿ Supports multiple "secure" video decoding sessions and simultaneous decoding and encoding Ÿ Video / image decoding - VP9 Profile-2 up to 4Kx2K @ 60fps - H.265 HEVC MP-10@L5.1 up to 4Kx2K at 60 fps - AVS2-P2 profile up to 4Kx2K at 60 fps - H.264 AVC HP@L5.1 up to 4Kx2K at 30 fps - H.264 MVC up to 1080P @ 60 fps - MPEG-4 ASP @ L5 up to 1080P @ 60 fps (ISO-14496) - WMV / VC-1 SP / MP / AP up to 1080P @ 60fps - AVS-P16 (AVS +) / AVS-P2 JiZhun profile up to 1080P @ 60 fps - MPEG-2 MP / HL up to 1080P @ 60 fps (ISO-13818) - MPEG-1 MP / HL up to 1080P @ 60 fps (ISO-11172) - RealVideo from 8/9/10 to 1080 P at 60 fps - Support for video subtitles in multiple languages and multiple formats - Unlimited pixel resolution MJPEG and JPEG (ISO / IEC-10918) - Supports thumbnail, resizing, rotation and JPEG transition effects - Supports * .mkv, * formats. Wmv, *. Mpg, * .mpeg, * .dat, * .avi, * .mov, * .iso, * .mp4, * .rm and * .jpg
Audio	Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1 / 5.1 down-mixing SPDIF / IEC958 input / output integrated serial digital audio and PCM input / output 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 PDM digital microphone input with programmable CIC, LPF and & HPF, supports up to 8 DMICs Integrated stereo audio DAC Supports simultaneous output of two stereo audio channels with a combination of analogue + PCM or I2S + PCM
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 Disck, TF card.

Amlogic
Inside

Neural Networks API

Smarter, Faster, and more
powerful than ever chipset.
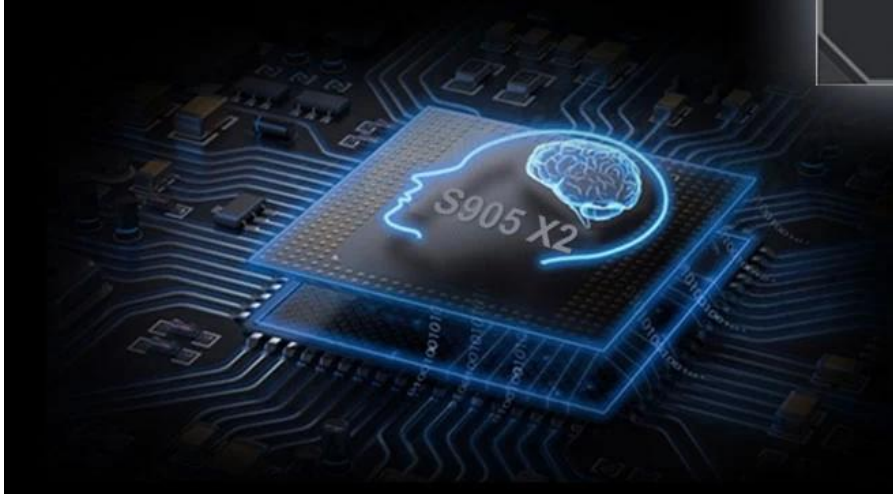
S905 X2
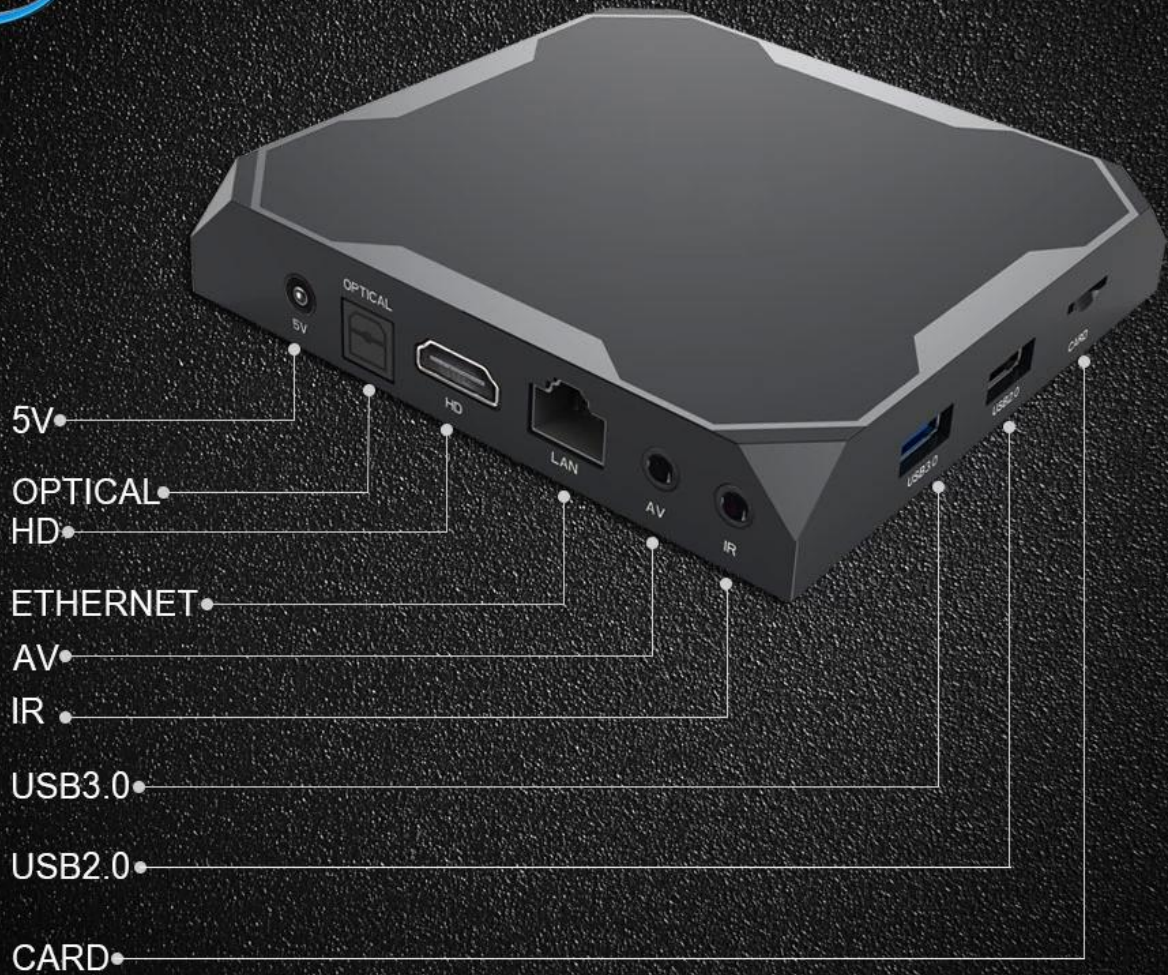
Smart Box

Amlogic Inside

5V

OPTICAL
HD

ETHERNET

AV

IR

USB3.0

USB2.0

CARD

New Generation Memory

Say goodbye to Background Cleaning and Sluggish Performances.

We adopted the newest cutting edge LPDDR4 Memory.

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Smart Box

AirPlay

Enioy it on the big screen
And the bost speakers

Mirecast

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

Support HDR+

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

Smart Box

Amlogic
Inside

28mm

105mm

USB3.0

USB2.0

CARD

APPS USB
SETUP CARD **59:05** HD CVBS

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.

Smart Box

USB 3.0

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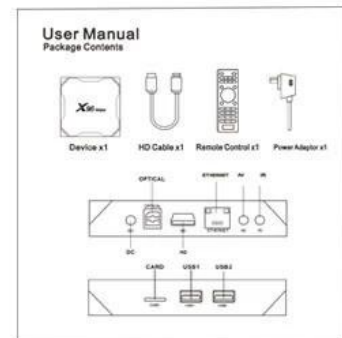Theoretical speed up to **5**Gbps (practical speed up to 300MB/s)

VS

USB 2.0

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

USB3.0

USB3.0   USB2.0   CARD

Smart Box

Elevate your home entertainment experience with the Onenuts Amlogic S905X2 14nm Chipset 4K Ultra HD USB3.0 Android Set-Top Box. Offering a powerful combination of advanced features and cutting-edge technology, this device delivers exceptional performance and versatility.

1. Advanced Amlogic S905X2 Chipset:

Powered by the advanced Amlogic S905X2 14nm Chipset, this set-top box delivers smooth and efficient performance, ensuring a seamless streaming experience.

2. Stunning 4K Ultra HD Resolution:

Enjoy breathtaking visuals with support for 4K Ultra HD resolution. Immerse yourself in crisp details, vibrant colors, and lifelike clarity for an unparalleled viewing experience.

3. Fast USB 3.0 Connectivity:

With USB 3.0 connectivity, transfer files quickly and effortlessly. Enjoy fast data transfer speeds and seamless connectivity with external devices.

4. Android Operating System:

Experience the versatility of the Android operating system, allowing you to access a wide range of apps, games, streaming services, and more from the Google Play Store.

5. Smooth Multimedia Playback:

Effortlessly stream your favorite movies, TV shows, music, and videos with smooth multimedia playback. Enjoy uninterrupted entertainment without any buffering or lag.

6. Dual-band WiFi Connectivity:

Stay connected with dual-band WiFi connectivity, ensuring faster and more stable internet connections for streaming and browsing.

7. Compact and Stylish Design:

The Onenuts Amlogic S905X2 Set-Top Box features a compact and stylish design that complements any home entertainment setup. Its sleek and modern look adds a touch of elegance to your living space.

8. Easy Setup and Navigation:

Set up and navigate the set-top box with ease. Enjoy user-friendly interfaces, customizable settings, and intuitive controls for a seamless user experience.

9. HDR and HDCP 2.2 Support:

Experience enhanced color and contrast with HDR support. Ensure compatibility with the latest content standards with HDCP 2.2 support.

10. Versatile Entertainment Options:

Access a wide range of entertainment options, including streaming services, live TV, gaming, social media, and more. Customize your entertainment experience to suit your preferences.

Upgrade your home entertainment setup with the Onenuts Amlogic S905X2 4K Ultra HD Android [Set-Top Box](). Enjoy stunning visuals, fast performance, and endless entertainment possibilities right at your fingertips.