Gimebox X96 X4

Gimebox X96 X4 Android 11.0 TV Box User Manual

Model: X96 X4

1. Introduction

Thank you for choosing the Gimebox X96 X4 Android 11.0 TV Box. This device is designed to transform your television into a smart entertainment hub, offering access to a wide range of applications, streaming services, and media content. Powered by the Amlogic S905X4 64-bit quad-core processor and running Android 11.0, it provides a smooth and responsive user experience with support for 8K video decoding and dual-band Wi-Fi connectivity. Please read this manual carefully to ensure proper setup and operation.



Image: The Gimebox X96 X4 TV Box with its included remote control, showcasing the device's compact design and the remote's button layout.

2. Safety Information

- Use only the provided power adapter. Using unauthorized adapters may damage the device and void the warranty.
- Do not expose the device to water, moisture, or extreme temperatures.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the device to prevent overheating.

3. What's in the Box

Verify that all items are present in the package:

- Gimebox X96 X4 TV Box
- Remote Control
- Power Adapter
- HDMI Cable
- User Manual (this document)

4. Product Overview

The X96 X4 TV Box features a compact design with various ports for connectivity. It is powered by the Amlogic S905X4 chipset, designed for efficient 4K video decoding and HDR image processing.

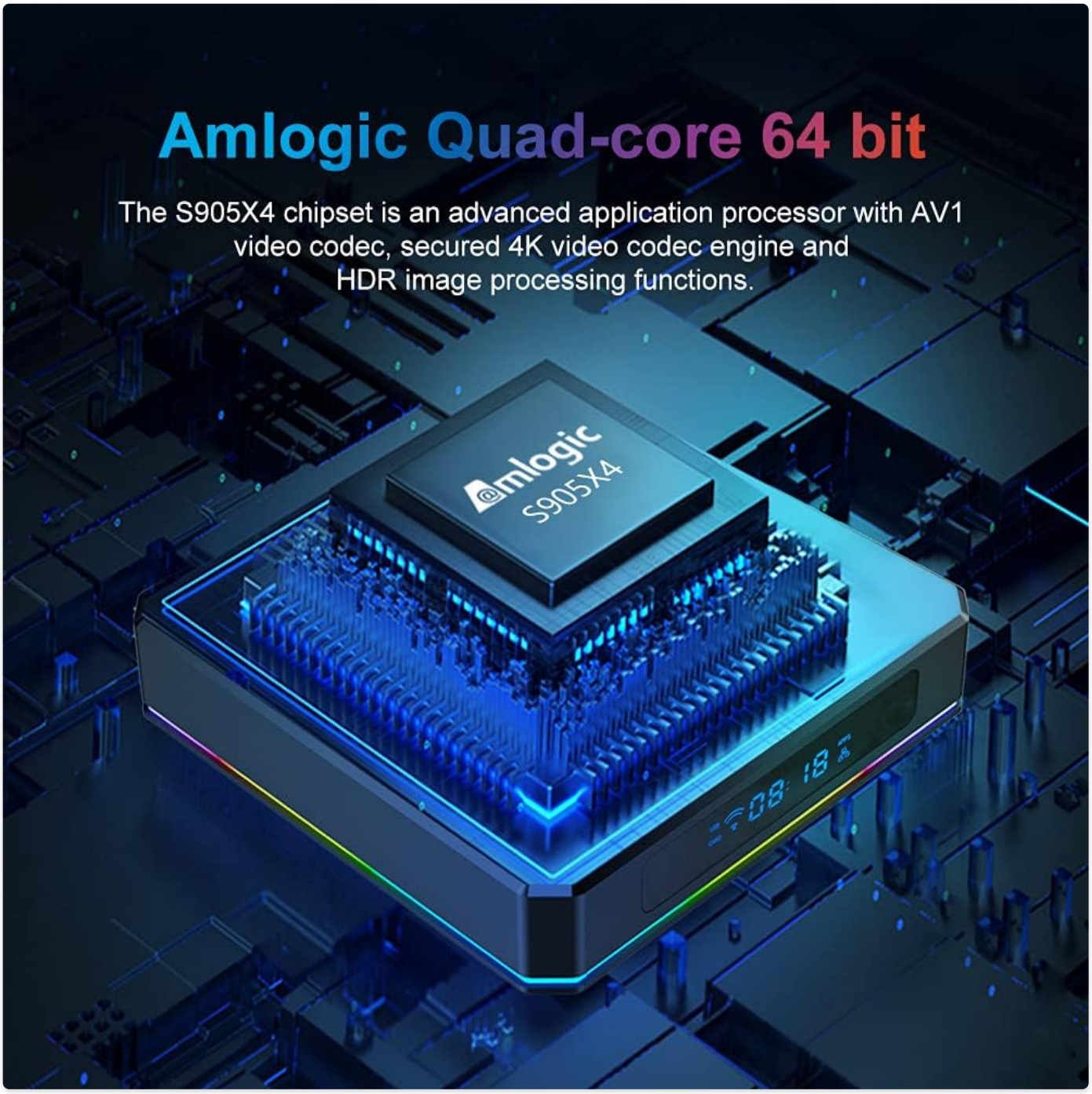


Image: Close-up view of the Amlogic S905X4 quad-core 64-bit chipset, highlighting its role as the advanced application processor within the TV box.

Ports and Interfaces:

- **DC In:** Power input (DC 5V/2A)
- **USB Host:** 1 x USB 3.0, 1 x USB 2.0 for external devices (U DISK, USB HDD)
- **Card Reader:** TF Card reader (supports SD/SDHC/MMC cards)
- **LAN:** Ethernet port (10/1000M, standard RJ-45)
- **HDMI:** High-definition video output (up to 4K2K@60 max resolution)
- **AV Out:** Analog video/audio output
- **Optical:** Digital audio output

5. Setup

1. **Connect to TV:** Connect one end of the HDMI cable to the HDMI port on the TV Box and the other end to an HDMI input on your television.
2. **Connect Power:** Plug the power adapter into the DC In port on the TV Box, then plug the adapter into a wall outlet.
3. **Power On:** The device should automatically power on. If not, press the power button on the remote control.
4. **Select Input:** On your TV, select the correct HDMI input source that the TV Box is connected to.
5. **Initial Setup:** Follow the on-screen instructions to complete the initial Android setup, including language selection, network connection, and Google account login.

6. Operating the Device

The X96 X4 runs on Android 11.0, offering enhanced flexibility for application installation and management.



Image: A visual representation of the Android 11.0 operating system interface on the TV box, illustrating its flexibility for application installation compared to previous Android versions.

Remote Control Functions:

- **Power Button:** Turns the device on/off or puts it into standby mode.
- **Navigation Buttons (Up/Down/Left/Right):** Navigate through menus and options.
- **OK Button:** Confirms selections.
- **Back Button:** Returns to the previous screen.
- **Home Button:** Returns to the main home screen.
- **Volume Buttons:** Adjusts the audio volume.
- **Mouse/Keyboard:** Supports connection of a mouse and keyboard via USB, or 2.4GHz wireless mouse and keyboard via a 2.4GHz USB dongle for easier navigation and input.

Installing Applications:

The device does not come with pre-installed third-party applications. You can download and install a variety of useful software

from the Google Play Store.

1. Ensure the TV Box is connected to the internet.
2. Navigate to and open the **Google Play Store** application.
3. Sign in with your Google account (if not already done).
4. Browse or search for desired applications.
5. Select an app and click **Install** to download and set it up on your device.

7. Connectivity

Wi-Fi Connection:

The X96 X4 supports dual-band Wi-Fi (2.4GHz and 5GHz) for faster and more stable wireless transmission.



Image: Illustration of the TV box's dual-band Wi-Fi capability (2.4GHz and 5GHz), emphasizing faster transmission and a more stable signal for wireless connectivity.

1. Go to **Settings** > **Network & Internet** > **Wi-Fi**.
2. Turn on Wi-Fi.
3. Select your desired Wi-Fi network from the list.
4. Enter the password if prompted and click **Connect**.

Bluetooth Connection:

The device features BT 4.1 for fast, stable, multi-device connections, allowing you to connect various external Bluetooth devices.



Image: Depiction of the TV box's Bluetooth 4.1 functionality, showing its ability to connect to various external devices such as headsets, speakers, and mice.

1. Go to **Settings** > **Connected devices** > **Pair new device**.
2. Ensure your Bluetooth device is in pairing mode.
3. Select your device from the list of available devices to pair.

USB Data Transfer:

Utilize the USB 3.0 port for super-fast data read speeds, enabling smooth playback of local videos and quick transfer of files from external storage devices.



Image: A visual comparison of USB 2.0 and USB 3.0 data read speeds, illustrating the significantly faster performance of USB 3.0 for connecting devices like phones, hard drives, and U disks to the TV box.

8. Media Playback

The X96 X4 supports ultra-high-definition 4K resolution with HDR, CEC, and HDCP 2.2, providing rich details and clear visuals. It also features advanced video decoding capabilities, including AV1.



Image: A vibrant scene displayed on a television screen, demonstrating the ultra-high quality of 8K/4K HDR video output from the TV box, highlighting rich details and an immersive viewing experience.



Image: A graphic illustrating the efficiency of the AV1 video codec, showing that it provides 20-30% better compression than H.265 or VP9, resulting in more videos for less data.

Supported Formats:

- **Video:** HD MPEG1/2/4, H.264, H.265, WebM (up to VGA), mkv, wmv, mpg, mpeg, dat, avi, mov, iso, mp4, rm. Supports 4k2k H.265 Hardware Video Decode and 4k2k Output.
- **Photo:** HD JPEG/BMP/GIF/PNG/TIFF. Supports JPEG thumbnail, scaling, rotation and transition effects.
- **Subtitle:** SRT/SMI/SUB/SSA/IDX+USB.

9. Maintenance

- Keep the device clean by wiping it with a soft, dry cloth. Do not use liquid cleaners.
- Ensure the ventilation holes are not blocked to prevent overheating.
- Regularly check for and install system updates to ensure optimal performance and security.
- Periodically clear cache and unnecessary files from the device's storage to maintain performance.

10. Troubleshooting

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty.	Ensure power adapter is securely connected to the device and a working power outlet. Try a different outlet.
No display on TV	HDMI cable loose or incorrect TV input selected.	Check HDMI cable connection. Select the correct HDMI input on your TV.
Wi-Fi connection issues	Incorrect password, weak signal, or router issue.	Verify Wi-Fi password. Move device closer to router. Restart router and TV Box.
Remote control not working	Low batteries or obstruction.	Replace batteries. Ensure no obstructions between remote and TV Box.
Applications crashing/slow	Insufficient memory or outdated app.	Close background apps. Clear app cache. Update the app or system firmware.

11. Specifications

Feature	Description
Operating System	Android 11.0
CPU	Amlogic S905X4 64-bit Quad Core ARM Cortex A55 CPU
GPU	ARM G31 MP2
RAM	4GB DDRIII
ROM	64GB
Wi-Fi	2.4G + 5G Dual-band Wi-Fi 5.0 (802.11ac)
Bluetooth	BT 4.1
Ethernet	10/1000M, Standard RJ-45
USB Ports	1 x USB 3.0, 1 x USB 2.0
Card Reader	TF Card reader (SD/SDHC/MMC cards)
Video Output	HDMI 2.1 (up to 4K2K@60 max resolution output with HDR, CEC, HDCP 2.2)
Video Decoding	4k2k H.265 Hardware Video Decode, AV1, HD MPEG1/2/4, H.264
Dimensions	13.78 x 7.09 x 1.18 inches
Weight	10.6 ounces

12. Warranty and Support

This product comes with a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card

included in your package or contact your retailer. For technical support, troubleshooting assistance, or service inquiries, please contact Gimebox customer support through the official channels provided at the point of purchase or on the Gimebox brand website.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question