



Manuals.plus /

› Kinhank /

› Kinhank Super Console X5 PRO Retro Game Console User Manual

Kinhank Super Console X5 PRO

Kinhank Super Console X5 PRO User Manual

Retro Game Console with Android 12.0 OS

1. INTRODUCTION

Thank you for choosing the Kinhank Super Console X5 PRO. This advanced retro gaming console combines a vast library of classic games with the versatility of Android 12.0 OS, offering both entertainment and smart TV functionalities. Equipped with a powerful RockChip RK3588S chipset, 8GB RAM, and 64GB ROM, it delivers smooth performance for gaming and 8K UHD media playback. This manual will guide you through the setup, operation, and maintenance of your new console.

Key Features:

- Pre-installed with 16,000+ retro games on a 4TB hard drive.
- Powered by RockChip RK3588S chipset (up to 2.4GHz) for stable performance.
- 8GB RAM + 64GB ROM with support for up to 18TB hard disk expansion.
- 8K UHD output with AV1 decoding, HDR10/HDR10+ support.
- WI-FI 6 (2.4+5G), Bluetooth 5.0, and Gigabit Ethernet for robust connectivity.
- Built-in silent cooling fan for optimal temperature management.
- HD 2.1 and DP 1.4 dual screen display output.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- Kinhank Super Console X5 PRO Unit
- Wireless Controller
- Remote Control
- 4TB Hard Drive (pre-installed or separate)
- HDMI Cable
- Power Adapter

- User Manual (this document)



Image: Contents of the Super Console X5 PRO package, showing the console, wireless controller, remote, 4TB hard drive, and connecting cables.

3. SETUP

3.1 Connecting the Console

1. **Power Connection:** Connect the power adapter to the DCIN port on the console and plug it into a power outlet.
2. **Video Output:** Connect one end of the HDMI cable to the HD 2.1 port on the console and the other end to an HDMI input on your TV or monitor. The console also supports DP 1.4 for dual screen output.
3. **Network Connection (Optional):** For wired internet access, connect an Ethernet cable from your router to the Gigabit Ethernet port on the console. For wireless connection, you will configure Wi-Fi after initial boot-up.



Image: Detailed view of the console's rich interface, highlighting ports such as ON/OFF, NET, Type-C/DP, Optical, HD 2.1, Audio, DCIN, TF card slot, USB 3.0, USB 2.0, and SATA 3.1.

3.2 Connecting the Wireless Controller

The included wireless controller is pre-paired for use with the console. To ensure proper functionality, especially when switching between game systems and Android mode:

- **Initial Connection:** The controller should connect automatically when the console is powered on.
- **Switching to Android Mode:** When using the X5 PRO game system under Android Mode, press the **HOME + A** buttons simultaneously on the controller to switch to Android mode before playing games.



Image: The T3 Wireless Controller, designed for comfortable and responsive gameplay.

3.3 Initial Power On

After connecting all necessary cables, press the power button on the console. The system will boot up, typically displaying the Android 12.0 OS interface or the game system launcher. Follow any on-screen prompts for initial setup, such as language selection or Wi-Fi configuration.

4. OPERATING INSTRUCTIONS

4.1 Navigating the System

The Super Console X5 PRO operates on Android 12.0 OS, providing a familiar interface for media applications, alongside a dedicated game launcher (often Pegasus or similar) for retro gaming. Use the included remote control or wireless controller to navigate menus and select options.

ANDROID 12.0 OS

Watching movies and shows with family via Android 12.0 OS, supports downloading multiple APPs



Image: The console running Android 12.0 OS, enabling access to various apps and media content.

4.2 Playing Games

The console comes with a 4TB hard drive pre-installed with over 16,000 retro games. The game launcher allows for easy browsing, searching, saving, and collecting of games.

- **Game Selection:** Navigate through the game library using the controller. Games are typically organized by emulator or console type.
- **Saving Progress:** Most emulators support in-game saving and save states. Refer to the specific emulator's controls for details.
- **Adding/Deleting Games:** The system supports adding or deleting games. This typically involves connecting the hard drive to a computer or using network transfer protocols.

BUILT-IN 16000+ CLASSIC RETRO GAMES

Together with Android 12.0, X5 PRO game console realizes switching between playing games and watching movies at any time



Image: The console displaying a classic retro game on a large screen, emphasizing the built-in game library.

4.3 Media Playback

Leveraging Android 12.0, the console supports various media applications and advanced video technologies.

- **8K UHD Output:** Enjoy content in up to 8K Ultra HD resolution at 60fps via HD 2.1.
- **AV1 Decoding:** Advanced AV1 decoding technology ensures smooth 4K@60fps playback without stuttering.
- **HDR10/HDR10+:** Supports HDR10 and HDR10+ for vivid colors, high contrast, and realistic details.

SUPPORT 8K@60FPS UHD OUTPUT

Whether playing games or watching movies, you can enjoy much clearer picture quality on the big screen



Image: Visual comparison of 8K UHD, 4K UHD, and 1080p Full HD output, demonstrating the console's high-resolution capabilities.

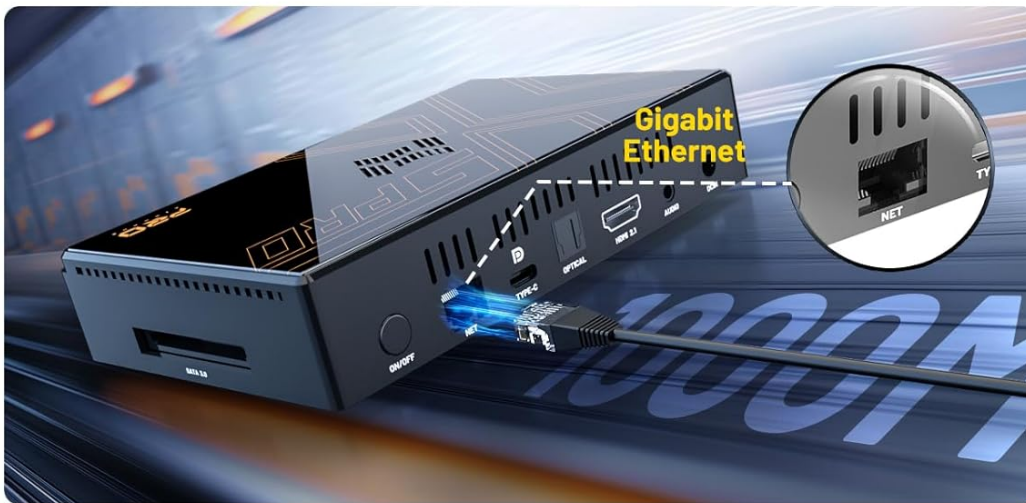
4.4 Network Connectivity

The console offers multiple options for network connection:

- **Wi-Fi 6:** Supports 2.4G and 5G dual-band Wi-Fi 6 for faster, more stable wireless connections.
- **Gigabit Ethernet:** Provides a wired 1000M connection for maximum stability and speed.
- **Bluetooth 5.0:** Connect various Bluetooth devices such as headphones, gamepads, or keyboards.

WI-FI 6+BT 5.0

stable connection, faster speed, lower latency, better performance



2.4G+5G



WI-FI 6



BT 5.0



1000M

Image: Overview of the console's connectivity features, including Wi-Fi 6, Bluetooth 5.0, and Gigabit Ethernet, illustrating stable and fast connections.

4.5 Storage Expansion

The console supports significant storage expansion to accommodate more games and applications.

- **Hard Disk Expansion:** The X5 PRO supports external hard disk expansion up to 18TB via SATA 3.1, providing ample space for your digital library.

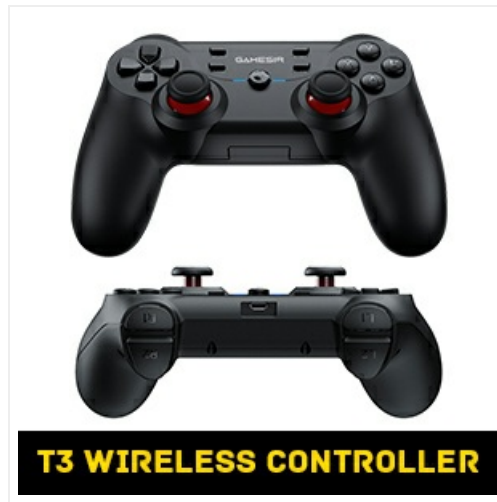


Image: The console's SATA 3.1 port connected to an external hard drive, demonstrating its capability to support up to 18TB of storage expansion.

5. MAINTENANCE

5.1 Cooling System

The Super Console X5 PRO features a built-in silent cooling fan that automatically activates during operation to maintain optimal temperatures (around 40-60°C). This prevents overheating and ensures smooth performance during extended use.

PC-LEVEL EFFICIENT COOLING EFFECT

Adopt blade type heat sink with stronger heat dissipation effect, ensure playing games smoothly without lag

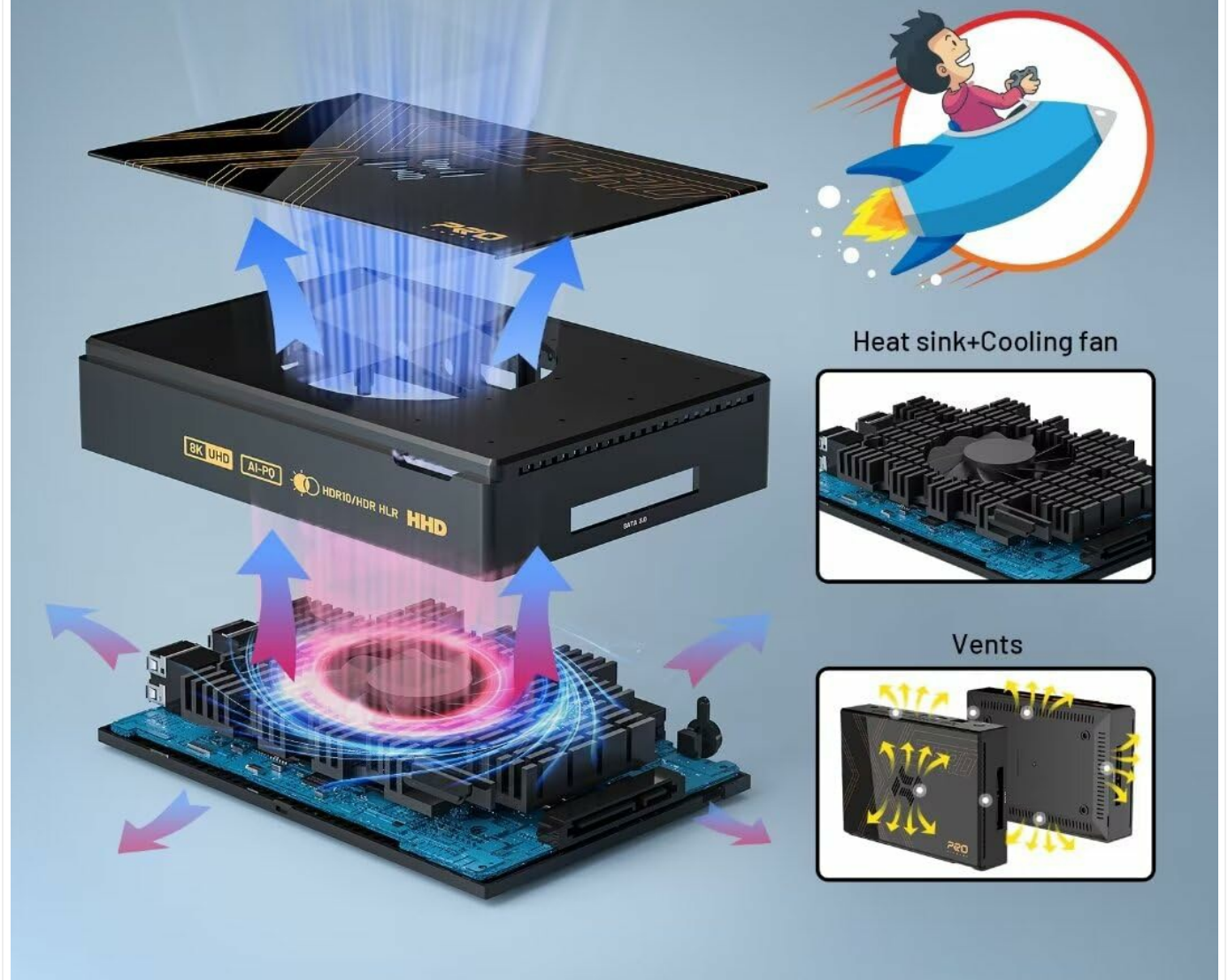


Image: Internal view of the console highlighting the heat sink, cooling fan, and vents, demonstrating the efficient cooling system.

5.2 Cleaning

To keep your console in optimal condition, regularly clean its exterior with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials, as they may damage the surface or internal components. Ensure the console is powered off and unplugged before cleaning.

5.3 Software Updates

Periodically check for software updates within the Android OS settings or the game system launcher. Keeping your software updated ensures access to the latest features, performance improvements, and security patches.

6. TROUBLESHOOTING

If you encounter issues with your Kinhank Super Console X5 PRO, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Console does not power on.	Power adapter issue, loose connection.	Ensure the power adapter is securely connected to the console and a working power outlet. Try a different power outlet. If possible, test with a compatible replacement power adapter.
No display on TV/monitor.	Incorrect HDMI input, faulty HDMI cable, display settings.	Verify your TV is set to the correct HDMI input. Try a different HDMI cable or HDMI port on your TV. Ensure the console is powered on.
Wireless controller not responding.	Controller not paired, low battery, incorrect mode.	Ensure the controller is charged. If using Android mode, press HOME + A simultaneously to switch modes. Re-pair the controller if necessary (refer to controller manual for pairing instructions).
Games running slowly or freezing.	Overheating, software glitch, insufficient resources.	Ensure the console has adequate ventilation and the cooling fan is not obstructed. Restart the console. Close any background applications in Android mode.
Some games are missing or unplayable.	Corrupted data, incompatible emulator, regional differences.	Restart the console. Verify the hard drive is properly connected. Some games may require specific emulator settings or may not be fully compatible. Contact support if a significant number of pre-installed games are affected.
Wi-Fi connection issues.	Incorrect password, signal interference, router issues.	Double-check your Wi-Fi password. Move the console closer to the router or reduce interference. Restart your router. Consider using a wired Ethernet connection for stability.

If the problem persists after attempting these solutions, please contact Kinbank customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	Super Console X5 PRO
Chipset	RockChip RK3588S
CPU	8-core (Cortex-A76 x4 + Cortex-A55 x4), up to 2.4GHz
GPU	ARM Mali-G610
RAM	8GB
ROM	64GB
Storage Expansion	Supports up to 18TB via SATA 3.1
Video Output	HD 2.1 (8K@60fps / 4K@120fps), DP 1.4 (8K@30fps)
Operating System	Android 12.0 OS
Wi-Fi	WI-FI 6 (2.4G + 5G Dual Band)
Bluetooth	BT 5.0
Ethernet	Gigabit Ethernet (1000M)
Cooling	Built-in Silent Cooling Fan
Dimensions	11.3 x 7.4 x 6.93 inches (Package)
Weight	4.47 pounds (Item)
Date First Available	April 27, 2024

RAM+ROM:	8GB+64GB
CPU:	8-core,Cortex-A76x4+Cortex-A55x4
GPU:	ARM Mali-G610
Main Frequency:	Up to 2.4GHz
WI-FI:	WI-FI 6

↑ **+188%** ↑ **+112%** ↑ **+6 TIMES**
CPU **GPU** **NPU**
 (Comparison with S922X chip)



RK3588S

**ULTRA-POWERFUL 8-CORE
CHIP, BETTER THAN
AMLOGIC S922X CHIP**



Image: Illustration of the ultra-powerful 8-core RK3588S chip, demonstrating its superior performance compared to older chipsets like S922X.

8. WARRANTY AND SUPPORT

Kinhank products are manufactured to high quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Kinhank website. Please retain your proof of purchase for warranty claims.

