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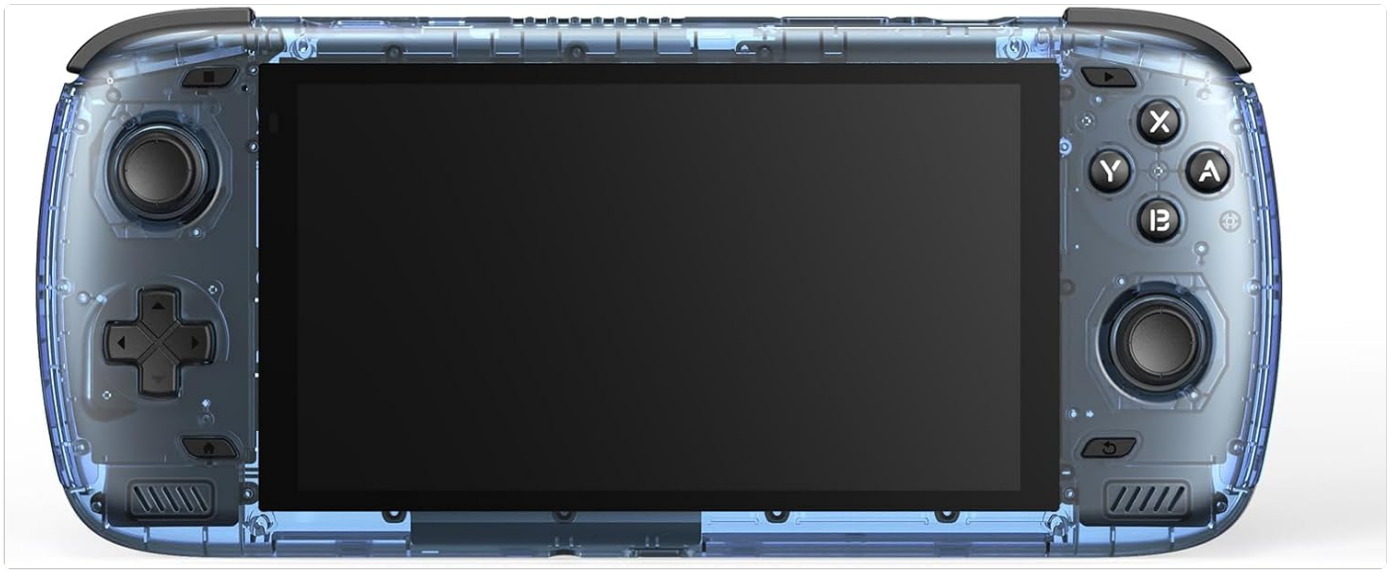
AYN Odin Pro 2

AYN Odin 2 Android Handheld Gaming User Manual

Model: Odin Pro 2

Introduction

This manual provides essential information for the setup, operation, and maintenance of your AYN Odin 2 Android Handheld Gaming device. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



The AYN Odin 2 Android Handheld Gaming device in Clear Blue, showcasing its front with the screen, joysticks, and buttons.

What's in the Box

Upon unboxing, please verify that all components are present:

- AYN Odin 2 Android Handheld Gaming Device
- Charging Cable

Setup Guide

Initial Charging

Before first use, it is crucial to fully charge the AYN Odin 2. Connect the provided charging cable to the device's charging port and a compatible power adapter. Charge the device for at least 4 hours before turning it on for the first time. This ensures the battery is properly conditioned.

- If your charger supports PD (Power Delivery) charging, the maximum input is 27W.
- If your charger does not support PD, the maximum input is 10W.
- Do not use the charging port on a PC/laptop, as it may not provide sufficient power to charge the console properly.

Powering On/Off

To power on the device, press and hold the power button located on the top edge of the device until the screen illuminates. To power off, press and hold the power button until the power options menu appears on the screen, then select "Power Off".

Operating Instructions



The AYN Odin 2, showcasing its vibrant 6-inch 1080p display, designed for an immersive gaming experience.

Android Operating System

The AYN Odin 2 runs on the Android 13 operating system, providing a familiar and versatile user experience. It has full support for the Google Play Store, allowing you to download and install a wide variety of applications and games.

Gaming Performance

The device is designed for high-performance gaming, leveraging its powerful Qualcomm Snapdragon 8 Gen 2 processor and Adreno 740 GPU. This combination ensures smooth, lag-free gameplay for both classic and modern titles. No games are preloaded on AYN consoles; users are expected to download games via the Google Play Store or other compatible methods.



A visual representation of the Qualcomm Snapdragon 8 Gen 2 processor, the core of the AYN Odin 2's high performance.

Display and Visuals

The AYN Odin 2 features a stunning 6-inch touchscreen with a 1920x1080 resolution, offering crisp visuals and vibrant colors. This 1080p FHD IPS display enhances the gaming experience with detailed graphics and immersive visuals.



The AYN Odin 2 showcasing its 6-inch 1080p Full HD display, designed for clear and vibrant visuals.

Audio and Connectivity

The device ensures top-notch audio quality with its high-quality stereo speakers and a 3.5mm headphone jack. For wireless connectivity, it supports Wi-Fi 7 for reliable online gaming and updates, and Bluetooth 5.3 for connecting wireless accessories.



The AYN Odin 2 highlighting its high-quality stereo speakers for an immersive audio experience.

Storage Expansion

The AYN Odin 2 Pro model comes with 256GB of UFS 4.0 storage for swift game loading. A Micro SD card slot is available for additional storage expansion, ensuring ample space for your gaming library.

Maintenance and Care

Battery Care

The AYN Odin 2 is powered by an 8000mAh Li-Pro battery, providing extended hours of gaming enjoyment. To maximize battery lifespan:

- Avoid completely draining the battery before recharging.
- Use only compatible chargers and cables.
- Avoid exposing the device to extreme temperatures.



An internal view of the AYN Odin 2, highlighting its large 8000mAh battery for long-lasting performance.

Cleaning

To clean the device, use a soft, dry, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive materials.

Troubleshooting

Device Will Not Turn On

- Ensure the device has been charged for at least 4 hours, especially before the first use.
- Verify that the charging cable and power adapter are functioning correctly and are properly connected.
- Avoid charging from a PC/laptop USB port, as it may not provide sufficient power.

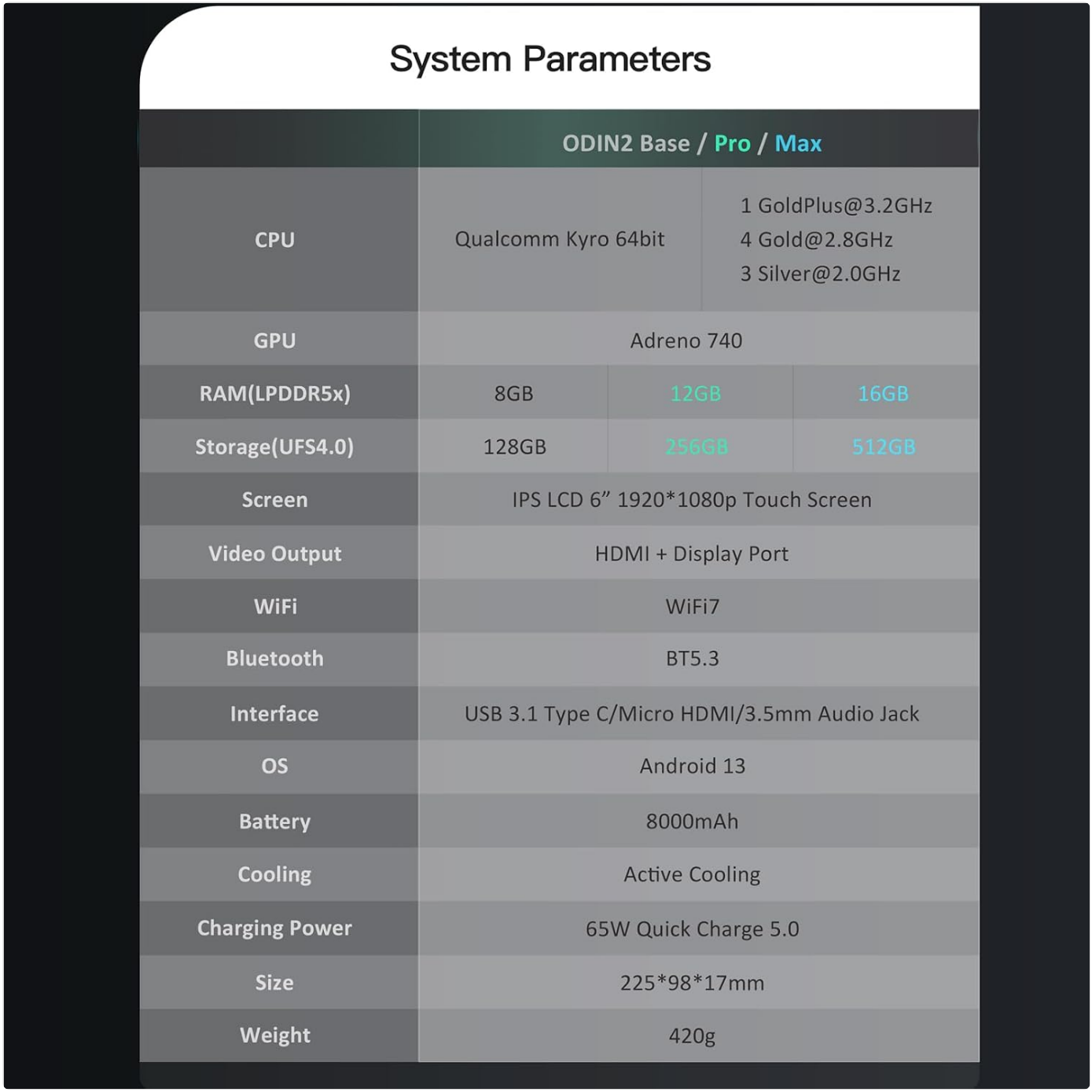
Charging Issues

- Confirm that your charger's wattage is sufficient (27W for PD, 10W otherwise).
- Check the charging port for any debris or damage.

Performance Lags

- Close unnecessary background applications.
- Ensure sufficient storage space is available.
- Restart the device.

Specifications



Detailed system parameters for the AYN Odin 2, including CPU, GPU, RAM, Storage, and other features.

AYN Odin 2 Pro Specifications

Feature	Detail
Model	Odin Pro 2

Feature	Detail
CPU	Qualcomm Snapdragon 8 Gen 2 (1x Kyro GoldPlus @3.2GHz, 4x Kyro Gold @2.8GHz, 3x Kyro Silver @2.0GHz)
GPU	Qualcomm Adreno 740
RAM	12GB LPDDR5X (Pro model)
Storage	256GB UFS 4.0 (Pro model), expandable via Micro SD card slot
Display	6-inch IPS Touch Screen, 1920x1080 resolution
Operating System	Android 13
Battery	8000mAh Li-Pro
Connectivity	Wi-Fi 7, Bluetooth 5.3
Ports	USB 3.1 Type C, Micro HDMI, 3.5mm Audio Jack
Dimensions	8.86 x 3.86 x 0.67 inches (225 x 98 x 17 mm)
Weight	1.9 pounds (420g)
Controller Type	Button Control
Power Source	Battery Powered

Warranty and Support

For information regarding product warranty and customer support, please refer to the official AYN website or contact your retailer. Protection plans may be available for extended coverage.

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