GPD Pocket 4 - Ryzen AI 9 HX 370 [64GB/2TB]

GPD Pocket 4 User Manual

Model: Ryzen AI 9 HX 370 [64GB/2TB]

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your GPD Pocket 4 mini laptop. The GPD Pocket 4 is a versatile 2-in-1 device, combining the portability of a tablet with the performance of a compact laptop, powered by an AMD Ryzen AI 9 HX 370 processor and Radeon 890M GPU. Please read this manual thoroughly to ensure proper use and to maximize the device's capabilities.

1. SETUP

1.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that the following items are present:

- GPD Pocket 4 device
- Power Adapter
- USB-C Cable
- User Manual (this document)

Inspect the device for any visible damage. If any components are missing or damaged, contact customer support immediately.

Figure 1.1: GPD Pocket 4 and its various configurations.

1.2 Charging the Device

Before first use, fully charge the GPD Pocket 4. Connect the provided USB-C cable to the device's USB-C port and the power adapter, then plug the adapter into a power outlet. The charge indicator light will illuminate during charging.

1.3 First Power-On and Basic Configuration

Press and hold the power button located on the side of the device until the screen illuminates. Follow the on-screen prompts to complete the initial Windows 11 Home setup, including language selection, network connection, and user account creation.

Figure 1.2: Overview of GPD Pocket 4 ports including USB-C, HDMI, USB-A, and card readers.

2. OPERATING THE GPD POCKET 4

2.1 Input Methods: Keyboard, Touchscreen, and Trackpad

The GPD Pocket 4 features a physical keyboard for typing, a responsive 10-point multi-touch touchscreen for direct interaction, and a built-in trackpad for cursor control. The device supports both laptop and tablet modes, allowing for flexible usage.

Figure 2.1: The GPD Pocket 4's comfortable keyboard and backlit trackpad for efficient work.

2.2 2-in-1 Versatility

The GPD Pocket 4's hinge allows it to transform between a traditional laptop and a tablet. Simply fold the screen back to engage tablet mode. The 8.8-inch 2.5K 144Hz display automatically adjusts orientation.
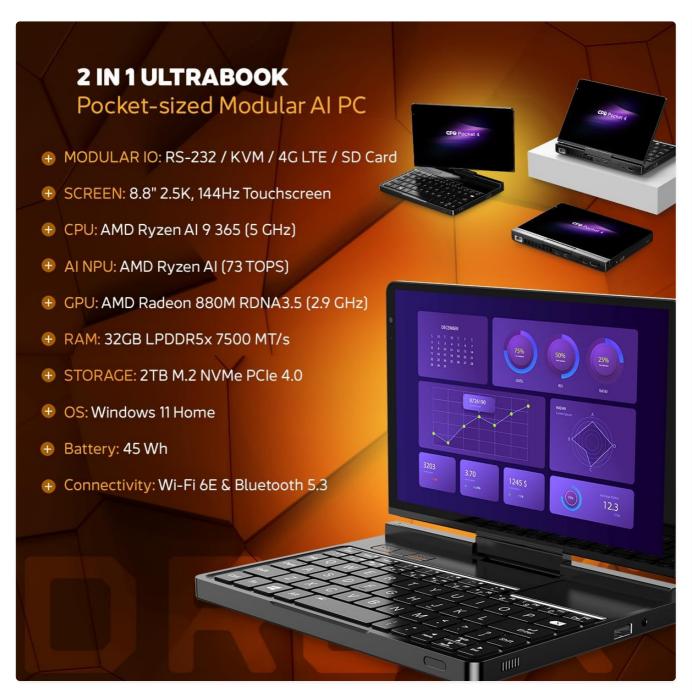
Figure 2.2: The GPD Pocket 4 functions as both a laptop and a tablet, offering versatile usage.

2.3 Connectivity

The device supports Wi-Fi 6E for high-speed wireless internet and Bluetooth 5.3 for connecting peripherals. It includes multiple ports for external connections:

- **HDMI 2.1:** For connecting to external displays.
- **USB-C (2x):** For data transfer, charging, and display output.
- **USB-A (multiple):** For standard USB devices.
- **RJ45 Network Port:** For wired Ethernet connection.
- **Earphone/Microphone Ports:** For audio input/output.

Figure 2.3: The GPD Pocket 4 can be connected to external devices like the GPD G1 for enhanced performance.

2.4 Modular Design and Expansion

The GPD Pocket 4 features a modular design, allowing for the installation of various modules to expand its functionality. These modules include 4G LTE, MicroSD card reader, KVM, and RS-232. To install a module, align it with the designated slot on the device and gently push until it clicks into place.
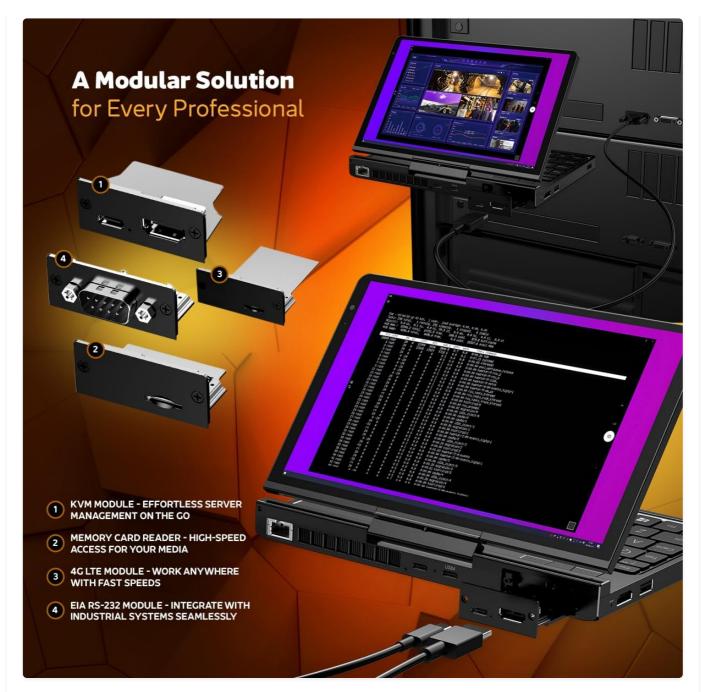
Figure 2.4: Examples of modular solutions for the GPD Pocket 4, including KVM, memory card reader, 4G LTE, and RS-232 modules.

3. MAINTENANCE

3.1 Battery Care

The GPD Pocket 4 is equipped with a 44.8Wh battery. To prolong battery life:

- Avoid extreme temperatures.
- Do not fully discharge the battery frequently.
- Store the device with a partial charge (around 50%) if not used for extended periods.
- Utilize the 100W PD fast charging for quick recharges.

Figure 3.1: Internal view of the GPD Pocket 4 battery (44.8Wh) and device dimensions.

3.2 Cleaning Instructions

To clean the device:

- Use a soft, lint-free cloth for the screen and body.
- For stubborn smudges, slightly dampen the cloth with water or a screen cleaner.
- Avoid harsh chemicals, abrasive materials, or excessive moisture.
- Use compressed air to clear dust from ports and vents, holding the can upright.

3.3 Software Updates

Regularly check for and install operating system and driver updates to ensure optimal performance and security. Windows Update can be accessed via the Settings menu.

4. TROUBLESHOOTING

This section addresses common issues you might encounter with your GPD Pocket 4.

Problem	Possible Cause	Solution
Device does not power on.	Low battery; Power button not pressed long enough.	Connect to power adapter and charge for at least 30 minutes. Press and hold power button for 5-10 seconds.
Screen is blank or flickering.	Display driver issue; Hardware malfunction.	Restart the device. Update display drivers. If issue persists, contact support.
Wi-Fi or Bluetooth not connecting.	Wireless adapter off; Driver issue; Router problem.	Ensure Wi-Fi/Bluetooth is enabled in Windows settings. Restart device and router. Update wireless drivers.
Device is slow or unresponsive.	Too many applications running; Low storage; Overheating.	Close unnecessary applications. Free up storage space. Ensure proper ventilation. Restart device.

For issues not listed here, or if solutions do not resolve the problem, please refer to the support section or contact GPD customer service.

5. SPECIFICATIONS

Key technical specifications for the GPD Pocket 4 (Ryzen AI 9 HX 370 [64GB/2TB] model):

Feature	Specification
Processor	AMD Ryzen AI 9 HX 370 (5.1 GHz)
Graphics Coprocessor	Radeon™ 890M
RAM	64 GB LPDDR5X
Storage	2 TB PCIe Gen4 SSD
Display	8.8 Inches, 2560 x 1600 pixels (2.5K), 144Hz, 10-point multi-touch
Operating System	Windows 11 Home
Wireless Connectivity	802.11ax (Wi-Fi 6E), Bluetooth 5.3
Battery Life (Average)	9 Hours (video playback)
Item Weight	1.6 pounds (725 Grams)
Product Dimensions	8.11 x 5.67 x 0.87 inches
Ports	HDMI 2.1, 2x USB-C, Multiple USB-A, RJ45, Earphone/Microphone

6. WARRANTY AND SUPPORT

The GPD Pocket 4 comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official GPD website. Extended protection plans may also be available for purchase.

6.1 Customer Support

If you encounter any issues or require technical assistance, please contact GPD customer support through their official website or the retailer from whom you purchased the device. Have your product model and serial number ready when contacting support.

For the latest drivers, firmware, and FAQs, please visit the official GPD support page:GPD Official Support