

NiPoGi P2

NiPoGi P2 Mini PC Ryzen Embedded R2544 User Manual

Model: P2

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your NiPoGi P2 Mini PC. Please read this manual thoroughly before using the product to ensure optimal performance and longevity. The NiPoGi P2 Mini PC is a compact and powerful computing solution designed for various tasks, from office work and studying to multimedia consumption, featuring an AMD Ryzen Embedded R2544 processor and Windows 11 Pro.

PRODUCT OVERVIEW

The NiPoGi P2 Mini PC is equipped with advanced features for a smooth computing experience:

- **Processor:** AMD Ryzen Embedded R2544 (4 Cores, 8 Threads, up to 3.7GHz) for enhanced processing power.
- **Graphics:** Integrated AMD Radeon Graphics supporting 4K@60Hz output across up to three displays simultaneously.
- **Memory:** 8GB DDR4 SO-DIMM, expandable up to 32GB for demanding applications.
- **Storage:** 256GB M.2 2280 SSD, with expansion capability up to 4TB for extensive data storage.
- **Operating System:** Pre-installed with Windows 11 Pro for a modern and secure user experience.
- **Connectivity:** Dual-band Wi-Fi 5 (5GHz) for high-speed wireless internet, Bluetooth 4.2 for stable peripheral connections, and Gigabit Ethernet (RJ45) for reliable wired networking.
- **Ports:** Comprehensive interface including USB 3.2, Type-C (supporting DisplayPort, data, and power delivery), HDMI 2.1, DisplayPort 1.4, RJ45, and a CTIA standard audio jack.
- **Cooling System:** Features an upgraded high-speed silent axial fan and an efficient dual-air outlet guide structure, maintaining stable operation with noise levels below 38dB.
- **Design:** Ultra-compact size (100mm x 100mm x 36mm) and VESA mount compatibility for flexible placement.

NiPoGi P2 超小型 ミニPC

Ryzen Embedded R2544
45W TDP



DDR4 8GB
(16GBまで拡張可)



256GB M.2 SSD
(2TBまで拡張可)



Wi-Fi 5



Bluetooth 4.2

Windows 11 Pro 搭載

追加機能

- a. 自動電源オン
- b. LANでウェイクアップ
- c. Linux、Ubuntuとの互換性

Image: NiPoGi P2 Mini PC setup demonstrating multi-monitor capability and compact design.

PACKAGE CONTENTS

Verify that all items are present in the package:

- NiPoGi P2 Mini PC Unit
- Power Adapter
- User Manual (Japanese version included)
- VESA Mount
- HDMI Cable
- Screw Set

パッケージ内容

1. ミニpc*1
2. 電源アダプター*1
3. 日本語取り扱い説明書*1
4. VESAマウント
5. HDMIケーブル
6. ネジセット



Image: All components included in the NiPoGi P2 Mini PC package.

SETUP

Follow these steps to set up your NiPoGi P2 Mini PC:

1. **Connect Power:** Plug the power adapter into the DC input port on the Mini PC, then connect it to a power outlet.
2. **Connect Display:** Use the provided HDMI cable or a DisplayPort cable to connect your monitor(s) to the corresponding ports on the Mini PC. The Type-C port also supports DisplayPort output.
3. **Connect Peripherals:** Connect your keyboard, mouse, and any other USB devices to the available USB ports.
4. **Network Connection:** For a wired connection, plug an Ethernet cable into the RJ45 port. For Wi-Fi, the system will prompt you to connect during the initial Windows setup.
5. **Power On:** Press the power button on the front of the Mini PC. The system will boot up, and you will be guided through the Windows 11 Pro initial setup process.

コンパクトで*超ミニサイズ

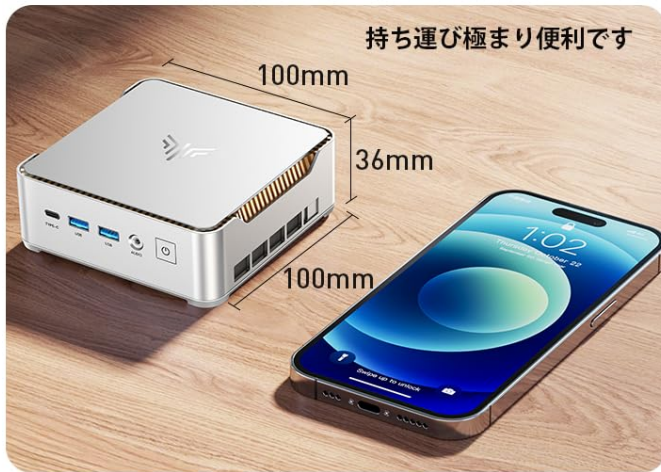


Image: Detailed view of the NiPoGi P2 Mini PC's various input/output ports.

OPERATING INSTRUCTIONS

This section covers basic operation and advanced features:

Basic Operation

- **Power On/Off:** Press the power button once to turn on. To turn off, use the Windows shutdown option or press and hold the power button for 5 seconds.
- **Restart:** Use the restart option within Windows.

Multi-Display Setup

The NiPoGi P2 supports up to three 4K@60Hz displays simultaneously via HDMI, DisplayPort, and Type-C (DP Alt Mode). Connect your monitors and configure display settings within Windows.

4K@60Hz2画面出力

最高の鑑賞体験を提供しております



DP*1



HDMI 2.0*1



Image: NiPoGi P2 Mini PC demonstrating 4K@60Hz dual display output.

Storage and Memory Expansion

The Mini PC's memory (DDR4 SO-DIMM) can be upgraded to a maximum of 32GB. The M.2 2280 SSD storage can be expanded up to 4TB. Refer to the internal layout diagram for component locations. Ensure the device is powered off and unplugged before performing any hardware upgrades.

静かで効率的な放熱機能

P2 minipc 新しいシステム、内蔵冷却ファンにより放熱性が向上



Image: Internal components of the NiPoGi P2 Mini PC, highlighting memory and storage expansion slots.

BIOS Settings

The Mini PC features an unlocked BIOS, allowing configuration of advanced settings such as Auto Boot, RTC Wake, and Wake on LAN (including automatic power-on). Access the BIOS by pressing the **DEL** or **F2** key during startup.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your Mini PC:

- **Cleaning:** Regularly clean the exterior with a soft, dry cloth. Use compressed air to gently clear dust from ventilation openings to maintain optimal airflow.
- **Ventilation:** Ensure the Mini PC is placed in a well-ventilated area, free from obstructions that could block the air inlets and outlets.
- **Software Updates:** Keep your Windows 11 Pro operating system and drivers updated to benefit from the latest security patches and performance improvements.
- **Data Backup:** Regularly back up important data to an external drive or cloud storage to prevent data loss.

豊かなインターフェース

さまざまなデバイスに対応



Image: Illustration of the NiPoGi P2 Mini PC's quiet and efficient heat dissipation system.

TROUBLESHOOTING

If you encounter issues, refer to the following common solutions:

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet if necessary.
- **No Display:** Verify that the monitor is powered on and correctly connected to the Mini PC via HDMI, DisplayPort, or Type-C. Try a different cable or monitor if available. Ensure the correct input source is selected on your monitor.
- **Slow Performance:** Check for background applications consuming resources. Ensure sufficient free storage space. Consider upgrading RAM or SSD if performance issues persist after basic troubleshooting.
- **Keyboard Input Issues (e.g., '@' symbol):** This can sometimes be a regional keyboard layout issue. In Windows settings, ensure your keyboard layout matches your physical keyboard (e.g., Japanese vs. US layout).
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled in Windows settings. Try restarting the Mini PC and the Bluetooth device. If issues persist, consider updating Bluetooth drivers or using an external USB Bluetooth adapter.
- **System Freezes/Crashes:** Ensure the system is well-ventilated to prevent overheating. Update drivers and Windows. If problems continue, consider a system restore or reinstalling Windows.

For issues not covered here or for further assistance, please contact customer support.

SPECIFICATIONS

Feature	Specification
Brand	NiPoGi
Model	P2
CPU	AMD Ryzen Embedded R2544 (4 Cores, 8 Threads, up to 3.7 GHz)
GPU	AMD Radeon Graphics (Integrated)
RAM	8GB DDR4 SO-DIMM (Expandable to 32GB)
Storage	256GB M.2 2280 SSD (Expandable to 4TB)
Operating System	Windows 11 Pro
Video Output	HDMI 2.1 (4K@60Hz), DisplayPort 1.4 (4K@60Hz), Type-C (DP Alt Mode)
Connectivity	Wi-Fi 5 (Dual-band), Bluetooth 4.2, Gigabit Ethernet (RJ45)
Ports	USB 3.2 x4, USB 3.2 x2 (5Gbps), Type-C x1, HDMI x1, DP x1, RJ45 x1, Audio Jack x1
Dimensions	100mm x 100mm x 36mm
Cooling	Silent axial fan (under 38dB)
VESA Mount	Supported

WARRANTY AND SUPPORT

NiPoGi is committed to providing excellent customer service:

- **Free Exchange:** Enjoy a 30-day free exchange period from the date of purchase.
- **Free Repair Warranty:** A 1-year free repair warranty is provided for manufacturing defects.
- **Post-Warranty Support:** Paid repair services are available after the warranty period expires, ensuring long-term support for your product.
- **Contact Support:** If you encounter any issues such as defects, damage, or incorrect items, please contact us through your Amazon account: Go to "Account Service" → "Order History" → "Seller" → "Ask a Question". We aim to respond to all inquiries within 24 hours.

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

Anonymous

Email

you@example.com

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