NiPoGi CK10

NiPoGi Mini PC CK10

INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the NiPoGi Mini PC CK10. This compact and powerful desktop computer is designed for a wide range of applications, from home office tasks and multimedia entertainment to light gaming and business use. Equipped with a 12th Generation Intel Core i5-12450H processor, 16GB DDR4 RAM, and a 512GB M.2 NVMe SSD, it delivers fast and efficient performance. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Mini PC.

Key features include:

- **High-Performance Processor:** Intel Core i5-12450H (up to 4.4GHz, 8 Cores/12 Threads, 12MB Intel Smart Cache) for smooth multitasking.
- **Ample Memory & Storage:** 16GB DDR4 RAM (3200 MT/s) and 512GB M.2 NVMe PCIe3.0 SSD, with expansion options up to 2TB.
- **Advanced Connectivity:** Dual-band WiFi 6 (802.11ac 2.4G+5G) and Bluetooth 5.2 for stable wireless connections.
- **Triple Display Support:** Intel UHD Graphics 1200MHz with 2x HDMI 2.0 and 1x VGA ports, supporting 4K UHD @ 60Hz.
- **Compact Design:** Small form factor (13.8 x 12.6 x 5 cm, 0.47 kg) for portability and space-saving.
- **Pre-installed OS:** Comes with Windows 11 Pro for immediate use.

2. Setup Guide

2.1 Package Contents

Please verify that all items are present in the package:

- 1 x NiPoGi Mini PC CK10
- 1 x Power Adapter (EU)

- 1 x HDMI Cable
- 1 x VESA Mount
- 1 x User Manual

2.2 Hardware Connections

Connect your peripherals to the Mini PC using the available ports. Refer to the image below for port identification.



Figure 2.2.1: Front and Rear Ports of the NiPoGi Mini PC CK10. The front panel includes USB-C, USB 3.0, Audio, and Power button. The rear panel features additional USB 3.0 ports, HDMI, LAN, and DC power input.

- **Power:** Connect the power adapter to the DC port on the Mini PC and then to a power outlet.
- **Display:** Connect your monitor(s) to the HDMI or VGA ports. The Mini PC supports up to three displays simultaneously.
- **Keyboard & Mouse:** Connect your USB keyboard and mouse to the USB 3.0 ports.
- **Network:** For a wired connection, connect an Ethernet cable to the RJ45 Gigabit Ethernet port. For wireless, ensure WiFi is enabled.
- **Audio:** Connect headphones or speakers to the audio jack.



Figure 2.2.2: The Mini PC offers 11-in-1 expansion possibilities, including USB 3.2 Gen1, USB-C, HDMI, VGA, LAN, DC Power, and Audio ports, allowing connection to various devices like projectors, monitors, printers, and gaming consoles.

2.3 Initial Boot-Up & System Configuration

Upon first boot-up, the system will guide you through the initial Windows 11 Pro setup. Follow the on-screen prompts to select your language, region, and set up your user account.

Important Tips for First-Time Use:

- **Network Connection:** It is recommended to **NOT** connect to a network or Wi-Fi until the operating system has fully

launched. You can skip the email setup step during initial configuration.

- **Wired Network Issues:** If you are using a wired network and encounter issues during OS loading, disconnect the Ethernet cable, restart the device, and proceed with the setup offline.
- **Wi-Fi Connection Issues:** If you have established a Wi-Fi connection and the OS fails to load, try turning off your router temporarily.

3. Operating Instructions

3.1 Power On/Off

- **Power On:** Press the power button located on the front of the Mini PC.
- **Power Off:** Click the Start button in Windows, then select Power > Shut down. Do not unplug the power adapter directly without proper shutdown to prevent data loss.
- **Automatic Power On after Power Failure:** To enable this feature, enter the BIOS interface by pressing the 'ESC' key during boot-up. Navigate to 'Boot' and select 'Enable Automatic Power On'.

3.2 Display Configuration

The NiPoGi Mini PC supports triple display output, allowing you to connect up to three monitors simultaneously for enhanced productivity or immersive entertainment.



Figure 3.2.1: The Mini PC supports triple display output via two HDMI 2.0 ports and one VGA port, enabling 4K UHD visuals across multiple screens.

- Connect your monitors using the HDMI and/or VGA ports.
- In Windows, right-click on the desktop and select 'Display settings' to configure display modes (Extend, Duplicate, Second screen only).

3.3 Network and Bluetooth Connectivity

The Mini PC features integrated WiFi 6 and Bluetooth 5.2 for fast and reliable wireless connections.



Figure 3.3.1: The Mini PC supports Faster WiFi 6 (up to 2400Mbps) and Bluetooth 5.2 for high-speed and stable wireless networking.

- **WiFi:** Click the network icon in the taskbar, select your desired Wi-Fi network, enter the password, and connect.
- **Bluetooth:** Go to 'Settings' > 'Bluetooth & devices' to pair with Bluetooth peripherals like mice, keyboards, or headphones.

3.4 Storage Expansion

The Mini PC offers flexible storage expansion options to meet your growing needs.



Figure 3.4.1: The Mini PC supports easy storage upgrades with two M.2 2280 slots (one for NVMe or SATA SSD, one for NVMe SSD) up to 2TB, and 2.5-inch SSD support (not included).

- The device includes two M.2 2280 slots: one supports NVMe or SATA SSDs, and the other supports NVMe SSDs, both up to 2TB.
- It also supports a 2.5-inch SSD (not included). Refer to the product's internal layout for installation.

4. Maintenance

To ensure the longevity and optimal performance of your NiPoGi Mini PC, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Use compressed air to clear dust from vents and ports. Ensure the device is powered off and unplugged before cleaning.
- **Ventilation:** Do not block the ventilation openings. Ensure adequate airflow around the device to prevent overheating.
- **Software Updates:** Keep your Windows 11 Pro operating system and drivers updated. Windows Update will automatically download and install necessary updates.
- **Environmental Conditions:** Operate the Mini PC in a clean, dry environment, away from direct sunlight, extreme temperatures, and excessive humidity.

5. Troubleshooting

This section addresses common issues you might encounter with your Mini PC.

Problem	Possible Cause	Solution
No power/Device does not turn on	Power adapter not connected or faulty; Power outlet issue.	Ensure power adapter is securely connected to the Mini PC and a working power outlet. Try a different outlet.
No display on monitor	Monitor not connected; Incorrect input source on monitor; Faulty HDMI/VGA cable.	Check display cable connections. Ensure monitor is set to the correct input source (HDMI/VGA). Try a different cable or monitor.
Slow performance	Too many applications running; Insufficient free storage; Overheating.	Close unnecessary applications. Free up disk space. Ensure proper ventilation. Check for background processes.
Wi-Fi/Bluetooth connectivity issues	Driver issues; Router problems; Interference.	Restart the Mini PC and router. Update Wi-Fi/Bluetooth drivers. Check for interference from other devices.
System freezes or crashes	Software conflict; Driver issues; Hardware malfunction.	Perform a system restart. Update drivers. Run system diagnostics. If persistent, consider reinstalling the OS or contacting support.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact NiPoGi customer support.

6. Specifications

Feature	Specification

Feature	Specification
Brand	NiPoGi
Model Number	CK10
Operating System	Windows 11 Pro (64-Bit)
CPU	Intel Core i5-12450H (2.0GHz up to 4.4GHz, 8C/12T, 12MB Intel Smart Cache)
GPU	Intel UHD Graphics 1200MHz (4K UHD Triple Display)
RAM	16GB DDR4 (8GB x 2) @ 3200 MT/s
Storage	512GB M.2 NVMe PCIe3.0 SSD
Storage Expansion	2x M.2 2280 slots (1x NVMe/SATA, 1x NVMe) up to 2TB; Supports 2.5-inch SSD (not included)
Wireless Connectivity	WiFi 6 (802.11ac 2.4G+5G), Bluetooth 5.2
Wired Connectivity	1x RJ45 Gigabit Ethernet Port
Ports	4x USB 3.0, 1x USB-C, 2x HDMI 2.0, 1x VGA, 1x DC, 1x Audio Jack
Dimensions	13.8 x 12.6 x 5 cm
Weight	0.47 kg

7. Warranty and Support

NiPoGi is committed to providing high-quality products and excellent customer service.

7.1 Warranty Information

- **Free Replacement:** Enjoy 12 months of free replacement service from the date of purchase.
- **Lifetime Technical Support:** NiPoGi provides lifetime technical assistance for your Mini PC.
- **Certifications:** The product complies with CE and UKCA safety certificates.

7.2 Customer Support

For any inquiries, technical assistance, or warranty claims, please contact NiPoGi customer support through the following channels:



Figure 7.2.1: NiPoGi's All-Around Protection details, including contact methods for support.

- **Amazon Orders:** Log in to Amazon, go to "Your Orders," then "Your Account," and select "Ask Product Question."
- **Email Support:** support@inipogi.com
- **Phone Support:** +44 808 175 2348 (Mon-Fri 9am-5pm EST)
- **Europe Maintenance Service:** NiPoGi provides maintenance points for exchange or repair during the warranty period.

© 2023 NiPoGi. All rights reserved.

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