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› NiPoGi Mini PC Alder Lake N95 (up to 3.4GHz, 15W) 16GB DDR4/512GB M.2 SSD 2.5' Desktop Computer, 4K@60Hz HD Dual Display, 2.4/5G WiFi, RJ45 Gigabit Ethernet, BT4.2, VESA For Office Intel N95 / 16GB RAM 512GB ROM

NiPoGi AK1PLUS

NiPoGi AK1 PLUS Mini PC User Manual

Model: AK1PLUS

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your NiPoGi AK1 PLUS Mini PC. Designed for efficiency and versatility, this mini PC is ideal for various applications including office work, home entertainment, and light design tasks. Please read this manual carefully before using the product to ensure optimal performance and longevity.

SAFETY WARNINGS AND IMPORTANT TIPS

- **Initial Setup Tip:** To avoid issues during the initial setup, do not connect to a network (wired or Wi-Fi) until the system has fully launched. You can skip any mailbox setup steps during this phase.
- **Wired Network Connection:** If you are using a wired network, disconnect the cable, restart the device, and ensure it remains disconnected from the network until the system is ready.
- **Wi-Fi Connection Issues:** If you have established a Wi-Fi connection and the system fails to load, please turn off your router and restart the mini PC.
- **Power Supply:** Use only the provided power adapter. Using unauthorized power adapters may damage the device and void the warranty.
- **Ventilation:** Ensure proper ventilation around the mini PC. Do not block the ventilation openings.
- **Environment:** Avoid exposing the device to extreme temperatures, humidity, dust, or direct sunlight.

PACKAGE CONTENTS

Please check the box for the following items:

- 1x NiPoGi Mini PC (AK1 PLUS)

- 1x EU Power Adapter
- 1x HDMI Cable
- 1x User Manual (this document)
- 1x VESA Mount Bracket
- 2x Screws

SETUP GUIDE

Connecting Your Mini PC

The NiPoGi AK1 PLUS Mini PC offers a variety of ports for connecting peripherals and displays.

What makes AK1PLUS Special

Don't let memory limit your imagination



Please note: 2.5-inch SSD/HDD not included

Image: Overview of the NiPoGi AK1 PLUS Mini PC's connectivity ports.

1. **Power Connection:** Connect the EU power adapter to the DC port on the mini PC and then plug it into a power outlet.
2. **Display Connection:** Use the provided HDMI cable to connect your monitor(s) to the HDMI ports on the mini PC. This model supports dual 4K@60Hz displays.

Dual Screen-Enjoy 4K resolution at 60Hz



Transmission stability, high-resolution image Reduce waiting time and double efficiency

Image: Dual 4K display setup with the NiPoGi AK1 PLUS Mini PC.

3. **Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB 2.0 (x2) and USB 3.0 (x2) ports.
4. **Network Connection:** For a wired connection, plug an Ethernet cable into the RJ45 Gigabit Ethernet port. For wireless, the device supports 2.4G/5G Wi-Fi.
5. **Audio:** Connect speakers or headphones to the 3.5mm audio output jack.
6. **Power On:** Press the power button located on the front of the mini PC to turn it on.

OPERATING INSTRUCTIONS

System Performance

The NiPoGi AK1 PLUS is powered by the latest 12th Gen Intel Alder Lake N95 processor, offering significant performance improvements for daily computing tasks.

Powerful Upgrade Processor



Processor Model	Alder Lake N95	Processor N100	Jasper Lake N5105	Jasper Lake N5095
PCMark10	2875↑	2723	2548	2320
Total Cores	4	4	4	4
Total Threads	4	4	4	4
Cache	6MB	6MB	4MB L3	4MB L3
Lithography	Intel7	Intel7	10nm	10nm
TDP	15w	6w	15w	15w

Image: Intel Alder Lake N95 Processor Performance Overview.

- **Processor:** Intel Alder Lake N95 (up to 3.4 GHz, 4 Cores/4 Threads, 6MB L3 Cache).
- **Memory:** 16GB DDR4 RAM ensures smooth multitasking and application performance.
- **Storage:** Equipped with a 512GB M.2 SSD for fast boot times and quick application loading.



Starts Fast, Works Fast

Compatible with speed and storage, no worries about the delay

Office Software

Home Theater

Entertainment

16GB DDR4
Reading speed up to 1900MB/S

512GB M.2 SSD
Reading Speed: 473.4MB/S
Writing Speed: 287.2MB/S

Image: Fast performance with 16GB DDR4 RAM and 512GB M.2 SSD.

- **Graphics:** Integrated Intel UHD Graphics supports 4K Ultra HD resolution and dual display output.

Network and Connectivity

Stay connected with robust network options.

Various Ports Meet Daily Needs



USB3.2 Gen2
x2



USB 2.0
x2



HDMI
x2



LAN



DC



3.5mm
Audio jack

Image: Strong network support with Dual Band Wi-Fi and Bluetooth.

- **Wi-Fi:** Supports Dual Band 2.4G/5G Wi-Fi for flexible and fast wireless connections.
- **Bluetooth:** Integrated Bluetooth 4.2 allows for easy connection to wireless peripherals like keyboards, mice, and headphones.
- **Ethernet:** A 1000Mbps RJ45 Gigabit Ethernet port provides a stable and high-speed wired network connection.

MAINTENANCE AND UPGRADES

Storage Expansion

The NiPoGi AK1 PLUS Mini PC offers flexible storage expansion options to meet your growing needs.

What makes AK1PLUS Special

Don't let memory limit your imagination



Please note: 2.5-inch SSD/HDD not included

Image: Storage expansion capability of the AK1 PLUS Mini PC.

- You can expand the storage by adding a 2.5-inch SATA SSD/HDD (up to 2TB) or an M.2 SSD (2280 NGFF) (not included).
- Refer to the product's internal layout for the exact location of the expansion slots.

General Care

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners.

- Ensure the ventilation holes are free from dust and obstructions to maintain optimal cooling.
- Regularly back up your important data to prevent loss.

TROUBLESHOOTING

If you encounter issues with your NiPoGi AK1 PLUS Mini PC, please refer to the following common solutions.

- **System Not Booting / Initial Setup Issues:**
 - Ensure all cables (power, HDMI) are securely connected.
 - As advised in the safety section, avoid connecting to the internet (wired or Wi-Fi) during the very first boot-up until the system is fully loaded.
 - If Wi-Fi connection prevents system loading, temporarily turn off your router and restart the mini PC.
- **No Display Output:**
 - Check HDMI cable connections at both the mini PC and the monitor.
 - Ensure your monitor is set to the correct input source (HDMI 1, HDMI 2, etc.).
 - Try a different HDMI port or cable if available.
- **No Network Connection:**
 - For wired connection, verify the Ethernet cable is properly connected and the router is functioning.
 - For Wi-Fi, ensure Wi-Fi is enabled on the mini PC and you are connecting to the correct network with the correct password.
 - Restart your router and the mini PC.
- **Device Overheating:**
 - Ensure the mini PC is placed in a well-ventilated area.
 - Check that no objects are blocking the ventilation holes.

PRODUCT SPECIFICATIONS

Feature	Specification
Brand	NiPoGi
Model Number	AK1PLUS
Processor	Intel Alder Lake N95 (up to 3.4 GHz, 4 Cores, 4 Threads)
RAM	16 GB DDR4
Storage	512 GB M.2 SSD
Expandable Storage	Supports 2.5" SATA SSD/HDD up to 2TB
Graphics	Intel UHD Graphics (4K Ultra HD, Dual Display)

Operating System	OS (as per product specification)
Wi-Fi	2.4G/5G (802.11a/b/g/n/ac)
Bluetooth	4.2
Ethernet	1x RJ45 Gigabit (1000Mbps)
HDMI Ports	2
USB 2.0 Ports	2
USB 3.0 Ports	2
Audio Output	1x 3.5mm Jack
Dimensions (L x W x H)	13 x 13 x 5.2 cm (5.04 x 5.04 x 2.05 inches)
Weight	390 Grams (0.86 lbs)
Special Features	Auto Power On, Wake On LAN

WARRANTY AND SUPPORT

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

- **Warranty:** Free replacement for 12 months.
- **Technical Support:** Lifetime technical support is available.
- **Certifications:** Complies with CE and UKCA safety certificates.
- **Contact Support:**
 - Email: support@inipogi.com
 - Phone: +49 800 182 1386 (Mon-Fri 9am-5pm EST)
 - For Amazon purchases, you can also contact support via your Amazon account: "Sign in to Amazon" -> "Your Account" -> "Your Orders" -> "Ask Product Question".

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