



[Manuals.plus](#) /

> [NiPoGi](#) /

> NiPoGi AK1Plus Mini PC User Manual

NiPoGi AK1Plus N95/8+256G

NiPoGi AK1Plus Mini PC User Manual

Model: AK1Plus N95/8+256G | Brand: NiPoGi

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your NiPoGi AK1Plus Mini PC. Please read this manual carefully before using the device to ensure optimal performance and longevity.



The NiPoGi AK1Plus Mini PC, a compact and powerful desktop solution, is designed for various computing needs from office work to home

PRODUCT OVERVIEW AND FEATURES

The NiPoGi AK1Plus Mini PC is equipped with advanced components for efficient performance.

- **Processor:** Latest 12th Gen Intel Alder Lake-N95 (up to 3.4 GHz, 4 Cores/4 Threads, 6 MB L3 Cache), offering significant performance improvements over previous generations.
- **Memory & Storage:** Integrated 8GB DDR4 RAM and 256GB M.2 SSD. Expandable storage up to 2TB via an additional 2.5" SSD/HDD (not included).
- **Graphics:** Supports dual 4K displays at 60Hz via 2 HDMI ports, enhancing multitasking capabilities.
- **Connectivity:** Dual-band 2.4G + 5G Wi-Fi, Gigabit Ethernet (1000 Mbps), and Bluetooth 4.2 for versatile connections.
- **Compact Design:** Measuring 5.04"x5.04"x2.05" and weighing 391g, it is highly portable and space-saving.
- **Ports:** Includes 2x USB 3.2 Gen2, 2x USB 2.0, 2x HDMI, 1x RJ45, 1x DC port, and a 3.5mm audio jack.
- **Additional Features:** Supports RTC Wake and Auto Power On, equipped with a cooling fan.

4 Cores
ALD_N



4 Threads
6MB Smart Cache



3.4 Ghz
6MB Smart
Cache

**New
Upgraded**

16Eus
UHD
Graphics

SIZE
5.04 x 5.04 x 2.05 inch

AK1 PLUS



8GB
DDR4
3200Mhz



2.4G + 5G
Bluetooth 4.2/LAN
(1000M)

SSD

**SATA MAX 2TB
M.2 SSD 256GB**
(can be replaced)

Additional Function

1. Auto Power On
2. Wake On LAN

Key specifications and features of the AK1Plus Mini PC, highlighting its processing power, memory, storage, and connectivity options.

PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition:

- NiPoGi AK1Plus Mini PC
- Power Adapter

- HDMI Cable
- VESA Mount (for attaching to the back of a monitor)
- User Manual (this document)

SETUP GUIDE

Follow these steps to set up your NiPoGi AK1Plus Mini PC:

1. **Connect to a Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. The AK1Plus supports dual displays, so you can connect two monitors simultaneously using both HDMI ports.
2. **Connect Peripherals:** Plug in your USB keyboard and mouse into the available USB ports (USB 3.2 Gen2 or USB 2.0).
3. **Connect to Network (Optional):** For a wired connection, connect an Ethernet cable from your router to the RJ45 port on the Mini PC. For wireless, you can configure Wi-Fi after initial boot.
4. **Connect Power:** Plug the power adapter into the DC port on the Mini PC, then plug the adapter into a power outlet.
5. **Power On:** Press the power button located on the front or side of the Mini PC. The system will boot up.

Various Ports Meet Daily Needs



USB3.2 Gen2
x2



USB 2.0
x2



HDMI
x2



LAN



DC



3.5mm
Audio jack

Overview of the available ports on the Mini PC, essential for connecting peripherals and displays.

OPERATING INSTRUCTIONS

Initial Boot and Operating System

Upon first boot, the Mini PC will guide you through the operating system setup process. Follow the on-screen prompts to configure language, region, network, and user accounts.

Connecting to Wi-Fi and Bluetooth

- **Wi-Fi:** Once the operating system is set up, navigate to the network settings to connect to your preferred Wi-Fi network. The Mini PC supports dual-band 2.4G and 5G Wi-Fi.
- **Bluetooth:** To connect Bluetooth devices like wireless keyboards, mice, or headphones, go to the Bluetooth settings in your operating system and pair your devices. The Mini PC features Bluetooth 4.2.

STRONG NETWORK SUPPORTS

Dual Band WiFi 2.4G+5G

Bluetooth 4.2 Version

RJ45 LAN 1000mbp/s



The Mini PC offers robust wireless and wired connectivity options for various environments.

Dual Monitor Setup

The NiPoGi AK1Plus Mini PC supports connecting two monitors simultaneously for an extended desktop experience. Simply connect both monitors to the two HDMI ports on the back of the Mini PC. Configure display settings within your operating system to extend or duplicate your desktop.

Dual Screen-Enjoy 4K resolution at 60Hz



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

Experience enhanced productivity and immersive visuals with dual 4K display support.

Storage Expansion

The Mini PC allows for easy storage expansion by adding a 2.5-inch SATA SSD or HDD. This can significantly increase your storage capacity for files, applications, and media.

1. **Power Off:** Ensure the Mini PC is completely powered off and unplugged from the power source.
2. **Open Case:** Carefully open the bottom cover of the Mini PC. Refer to the diagram for guidance.
3. **Install Drive:** Insert your 2.5-inch SATA SSD/HDD into the designated slot and secure it with screws if necessary.
4. **Close Case:** Reattach the bottom cover.
5. **Initialize Drive:** After powering on, you may need to initialize and format the new drive through your operating system's Disk Management utility before it can be used.

What makes AK1PLUS Special

Don't let memory limit your imagination



Please note: 2.5-inch SSD/HDD not included

Visual guide for expanding the internal storage of your Mini PC with a 2.5-inch SATA drive.

MAINTENANCE

To ensure the longevity and optimal performance of your NiPoGi AK1Plus Mini PC, follow these maintenance guidelines:

- **Keep Clean:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Avoid using liquid cleaners or aerosols.

- **Ventilation:** Ensure the ventilation openings are clear of dust and obstructions to prevent overheating. Do not place the Mini PC in enclosed spaces without adequate airflow.
- **Software Updates:** Keep your operating system and drivers updated to the latest versions for security and performance improvements.
- **Safe Shutdown:** Always shut down the Mini PC properly through the operating system. Avoid sudden power disconnections.

TROUBLESHOOTING

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

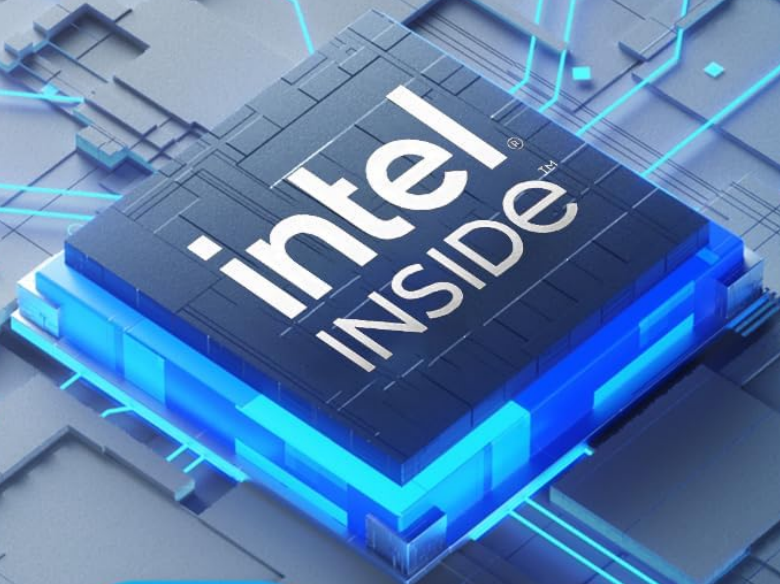
Problem	Possible Cause	Solution
No display on monitor	Loose HDMI cable, incorrect input source on monitor, power issue.	Check HDMI cable connections. Ensure monitor is set to the correct input (HDMI 1/2). Verify power adapter is securely connected and power button is pressed.
Wi-Fi not connecting	Incorrect password, router issue, driver problem.	Double-check Wi-Fi password. Restart your router. Check device manager for Wi-Fi driver status.
Slow performance	Too many applications running, low storage space, overheating.	Close unnecessary programs. Free up disk space. Ensure proper ventilation and clean dust from vents.
USB devices not recognized	Faulty USB port, driver issue, device malfunction.	Try a different USB port. Restart the Mini PC. Update or reinstall USB drivers. Test the USB device on another computer.

SPECIFICATIONS

Feature	Detail
Brand	NiPoGi
Model	AK1Plus N95/8+256G
Processor	12th Gen Intel Alder Lake-N95 (up to 3.4 GHz, 4C/4T, 6 MB L3 Cache)
Graphics	Intel UHD Graphics 600
RAM	8GB DDR4
Internal Storage	256GB M.2 SSD
Expandable Storage	Supports 2.5" SSD/HDD up to 2TB (not included)
Operating System	OS (as per product data, typically Windows pre-installed)
Wi-Fi	Dual-band 2.4G + 5G
Bluetooth	Bluetooth 4.2
Ethernet	Gigabit (1000 Mbps) RJ45
Ports	2x HDMI (4K@60Hz), 2x USB 3.2 Gen2, 2x USB 2.0, 1x RJ45, 1x DC, 1x 3.5mm Audio Jack

Feature	Detail
Dimensions	5.04" x 5.04" x 2.05" (12.8cm x 12.8cm x 5.2cm)
Weight	391g
Power Consumption	15W TDP

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

WARRANTY AND SUPPORT

NiPoGi provides a standard warranty for this product. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official NiPoGi website.

For technical support, troubleshooting assistance, or service inquiries, please contact NiPoGi customer support through their official channels. You can often find contact information on the manufacturer's website or on the product packaging.

Online Resources:

- NiPoGi Official Website: www.nipogi.com (Example link, replace with actual if available)
- Product Support Page: Check the NiPoGi website for a dedicated support page for the AK1Plus model.

USAGE SCENARIOS

The NiPoGi AK1Plus Mini PC is versatile and suitable for a wide range of applications:

- **Office Work:** Ideal for daily productivity tasks, document editing, and presentations.
- **Home Theater:** Enjoy 4K video playback and streaming content.
- **Education:** Suitable for online learning, research, and educational software.
- **Design:** Capable of handling light graphic design and photo editing tasks.
- **Casual Gaming:** Play less demanding games.
- **Live Streaming:** Support for basic streaming setups.
- **Meeting Rooms:** Compact solution for presentations and video conferencing.

AK1PLUS

Your Next Mini Computer



The AK1Plus Mini PC is a versatile computing solution for diverse environments and tasks.

