

NiPoGi AK1PLUS

NiPoGi AK1PLUS Mini PC Intel Celeron N5095 User Manual

Model: AK1PLUS

1. INTRODUCTION AND OVERVIEW

The NiPoGi AK1PLUS Mini PC is a compact and efficient desktop computer designed for daily tasks, office work, online learning, web browsing, and HD multimedia playback. It features an Intel Celeron N5095 processor, 16GB of RAM, and a 256GB SSD, offering agile multitasking and expandable storage options.



Figure 1: NiPoGi AK1PLUS Mini PC with highlighted features.

This Mini PC supports dual 4K display output, simplified cable management, and robust wireless connectivity, making it a versatile solution for various computing needs.

2. SETUP GUIDE

2.1 Package Contents

Before you begin, ensure all items are present in the package:

- NiPoGi AK1PLUS Mini PC
- Power Adapter
- HDMI Cable
- VESA Mount (for monitor attachment)
- User Manual (this document)

2.2 Initial Connection

1. **Connect to Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. The device supports dual 4K@60Hz displays via its two HDMI 2.0 ports.
2. **Connect Peripherals:** Plug in your keyboard, mouse, and any other USB devices into the available USB ports. The Mini PC features two USB 3.2 Gen1 Type-A ports and two USB 2.0 Type-A ports.
3. **Connect Power:** Connect the power adapter to the DC In port on the Mini PC, then plug the adapter into a power outlet.
4. **Power On:** Press the power button located on the front of the Mini PC. The device will boot up automatically.

Low heat generation, quiet and durable performance

38dB



*Test environment results may vary. Please refer to the actual situation.

Figure 2: Rear ports of the Mini PC for display and power connections.

2.3 Operating System Setup

The NiPoGi AK1PLUS comes with Windows 11 Pro pre-installed. Upon first boot, follow the on-screen instructions to complete the initial Windows setup, including language selection, network connection, and user account creation.

2.4 VESA Mount Installation (Optional)

For a clutter-free workspace, you can mount the Mini PC behind a compatible monitor using the included VESA mount.

1. Attach the VESA bracket to the back of your monitor using the provided screws.
2. Slide the Mini PC onto the mounted bracket until it clicks securely into place.



Figure 3: VESA mount installation for a tidy desk.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

- **To Power On:** Press the power button once.
- **To Shut Down:** Click the Windows Start button, then select Power > Shut down. Do not unplug the power cable directly without proper shutdown to prevent data loss.
- **To Restart:** Click the Windows Start button, then select Power > Restart.

3.2 Network Connectivity

- **Wi-Fi:** The Mini PC supports Wi-Fi 5 (802.11ac). To connect, go to Windows Settings > Network & Internet > Wi-Fi, select your network, and enter the password.
- **Ethernet:** For a wired connection, plug an Ethernet cable into the RJ45 Gigabit Ethernet port on the back of the Mini PC.



Figure 4: High-speed wireless and wired connectivity options.

3.3 Bluetooth Devices

The Mini PC features Bluetooth 4.2 for connecting wireless peripherals such as keyboards, mice, and headphones. To pair a device, go to Windows Settings > Bluetooth & devices, turn on Bluetooth, and select "Add device".

3.4 Dual Display Setup

The NiPoGi AK1PLUS supports connecting two monitors simultaneously for enhanced productivity.

1. Connect both monitors to the two HDMI 2.0 ports on the Mini PC.
2. Right-click on the desktop and select "Display settings".
3. Under "Multiple displays", you can choose to extend or duplicate your desktop across the two screens.

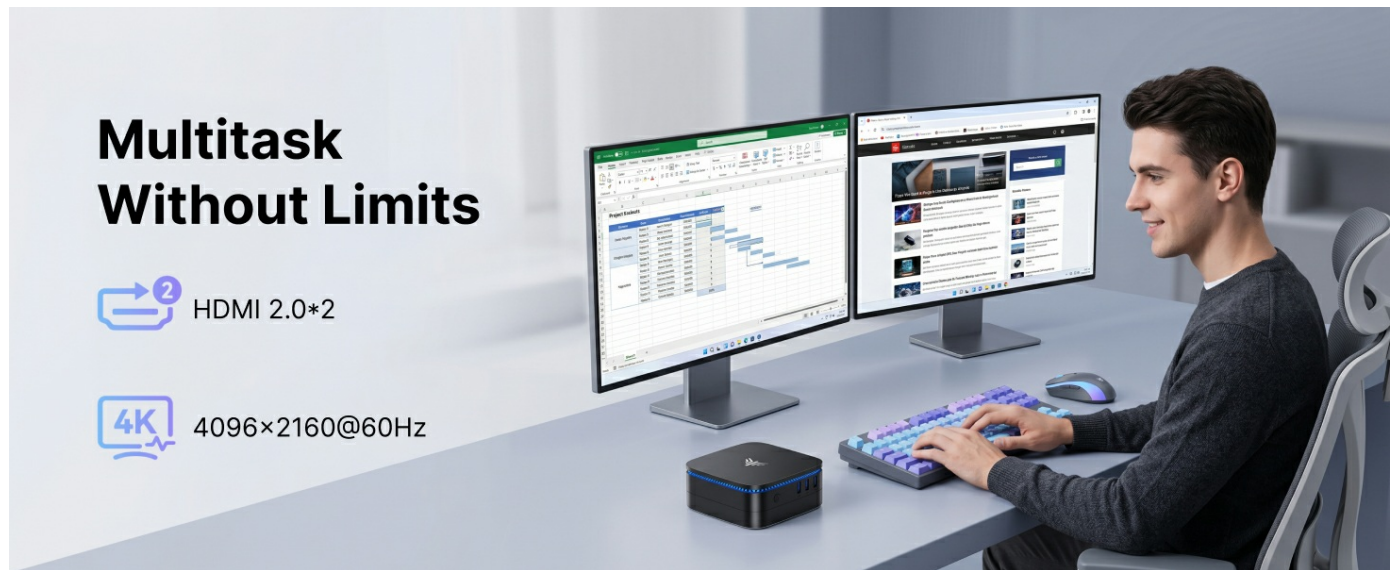


Figure 5: Dual 4K display setup for increased productivity.

4. MAINTENANCE

4.1 Storage Expansion

The Mini PC offers flexible storage expansion options:

- **M.2 SSD:** The existing 256GB M.2 2280 SSD can be upgraded to a larger capacity, supporting up to 2TB (compatible with NVMe PCIe 3.0 SSD or SATA SSD).
- **2.5-inch SATA SSD/HDD:** An additional 2.5-inch SATA SSD or HDD can be installed for up to 8TB of extra storage.

2.5-inch SATA SSD/HDD Installation Steps:

1. **Step 1:** Remove the screws and the bottom cover of the Mini PC.
2. **Step 2:** Gently insert a 2.5-inch SATA SSD/HDD into the designated slot. Ensure it is properly seated.
3. **Step 3:** Replace the bottom cover and tighten the screws.

Intel Celeron N5095

4/4

Cores/Threads

2.9 GHz

Turbo Frequency

Low Power

Efficient
N5095

High
Stability



Figure 6: Steps for 2.5-inch SATA SSD expansion.

4.2 Cleaning

To maintain optimal performance and prevent overheating, regularly clean the exterior of the Mini PC with a soft, dry cloth. Ensure ventilation openings are free from dust. Do not use liquid cleaners directly on the device.

4.3 Software Updates

Keep your Windows 11 Pro operating system updated to ensure security and performance. Go to Windows Settings > Windows Update to check for and install available updates.

Interfaces I/O completas, cubre todas tus necesidades

Power switch ×1

USB3.2 Gen1
Type-A Port ×2

USB2.0 Type-A Port ×1



3.5mm Audio Jack ×1

RJ45 Gigabit Ethernet port
(10/100/1000Mbps adaptive) ×1

HDMI 2.0 ×2

USB2.0 Type-A Port ×1

DC In ×1

Figure 7: The Mini PC is designed for low heat and quiet operation.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your NiPoGi AK1PLUS Mini PC.

5.1 No Power

- Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- Check the power adapter for any visible damage.

5.2 No Display Output

- Confirm the HDMI cable is firmly connected to both the Mini PC and the monitor.
- Ensure the monitor is powered on and set to the correct input source (HDMI 1, HDMI 2, etc.).
- Try a different HDMI cable or monitor to rule out faulty equipment.

5.3 Network Connection Issues

- **Wi-Fi:** Check if Wi-Fi is enabled in Windows settings. Ensure you are connected to the correct network and have entered the password correctly. Restart your router if necessary.
- **Ethernet:** Verify the Ethernet cable is properly connected. Check your router/modem for internet connectivity.

5.4 Peripherals Not Responding

- Try connecting the peripheral to a different USB port.
- For wireless peripherals, ensure they are charged and properly paired via Bluetooth or their respective dongle.
- Update or reinstall the drivers for the peripheral if available.

5.5 System Slowdown or Freezing

- Close unnecessary applications running in the background.
- Check Task Manager (Ctrl+Shift+Esc) for processes consuming high CPU, RAM, or disk usage.
- Ensure your system has sufficient free storage space.
- Run a system scan for malware or viruses.

6. SPECIFICATIONS

Feature	Specification
Model	AK1PLUS
Processor	Intel Celeron N5095 (4 Cores, up to 2.9 GHz)
RAM	16 GB DDR4 (Onboard LPDDR4/X, Non-Upgradable)
Storage	256 GB M.2 2280 SSD (Expandable up to 2TB NVMe PCIe 3.0 or SATA SSD)
Additional Storage	1x 2.5-inch SATA SSD/HDD slot (up to 8TB, 7mm height preferred)
Operating System	Windows 11 Pro
Graphics	Intel UHD Graphics (Integrated)
Video Output	2x HDMI 2.0 (Supports Dual 4K@60Hz)
USB Ports	2x USB 3.2 Gen1 Type-A, 2x USB 2.0 Type-A
Audio	1x 3.5mm Audio Jack
Network	Wi-Fi 5 (802.11ac), Bluetooth 4.2, 1x RJ45 Gigabit Ethernet (10/100/1000Mbps adaptive)
Dimensions	12.8 x 12.8 x 5.1 cm
Weight	500 g

Feature	Specification
Cooling Method	Air Cooling
Noise Level	Approximately 38dB (Mini PC)

7. WARRANTY AND SUPPORT

NiPoGi provides comprehensive support for its products. If you encounter any issues or require assistance, please refer to the following contact information:

- **Email Support:** support@nipogi.com
- **Phone Support (Europe):** +44 808 175 2348 (Monday-Friday, 9 AM - 5 PM EST)
- **Amazon Support:** Log in to your Amazon account, navigate to "Your Orders," and select "Ask Product Question" for your NiPoGi AK1PLUS purchase.

NiPoGi offers maintenance services for its Mini PCs during the warranty period. Please retain your proof of purchase for warranty claims.

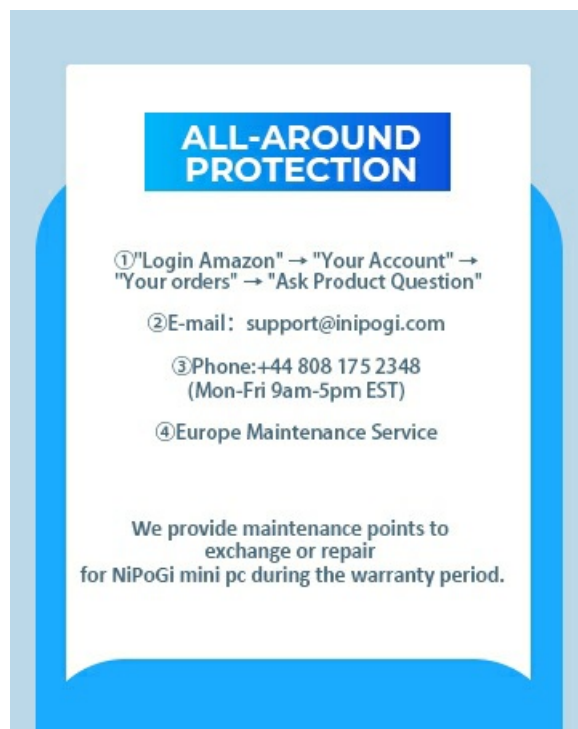


Figure 8: NiPoGi Customer Support Information.

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