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NiPoGi E3B

NiPoGi AM02 Mini PC User Manual

Model: E3B

INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your NiPoGi AM02 Mini PC. Please read this guide thoroughly before using the device to ensure proper functionality and safety.

SAFETY INFORMATION

- Use only the power adapter provided with the device.
- Do not expose the Mini PC to water, moisture, or extreme temperatures.
- Avoid blocking ventilation openings to prevent overheating.
- Do not attempt to open or repair the device yourself. Refer to qualified service personnel.
- Keep the device away from strong magnetic fields.

PACKAGE CONTENTS

Verify that all items are present in the package:

- NiPoGi AM02 Mini PC
- Power Supply
- HDMI Cable
- User Guide
- Mounting Bracket (if included)

PRODUCT OVERVIEW

Familiarize yourself with the ports and features of your Mini PC.



Image: NiPoGi AM02 Mini PC, displaying its front and rear connectivity ports.

Front Panel

- **Power Button:** Press to turn the PC on or off.
- **Audio Jack:** Connect headphones or external speakers.
- **USB 3.0 Ports (x2):** Connect USB devices such as keyboards, mice, or external storage.
- **USB Type-C Port:** For data transfer or connecting compatible devices.

Rear Panel

- **DC-IN Port:** Connect the power adapter.
- **HDMI Port:** Connect to a display (monitor, TV) for video and audio output. Supports 4K@60Hz.
- **DisplayPort (DP):** Connect to a display for video and audio output. Supports 4K@60Hz.
- **LAN (RJ45) Port:** Connect an Ethernet cable for wired network access.
- **USB 3.0 Ports (x2):** Connect USB devices.

- **USB 2.0 Port (x1):** Connect USB devices.

SETUP

1. Connecting Peripherals

1. Connect your monitor(s) to the HDMI and/or DisplayPort on the rear panel.
2. Connect your keyboard and mouse to the available USB ports.
3. (Optional) Connect an Ethernet cable to the LAN port for wired internet access.

2. Powering On

1. Connect the power adapter to the DC-IN port on the Mini PC, then plug the adapter into a power outlet.
2. Press the power button on the front panel. The power indicator light will illuminate.

3. Initial Windows 11 Setup

Upon first boot, the system will guide you through the Windows 11 Pro setup process. Follow the on-screen instructions to configure language, region, network, and user accounts.

OPERATING INSTRUCTIONS

Dual Display Setup

The NiPoGi AM02 supports dual 4K displays at 60Hz via its HDMI and DisplayPort outputs. To configure:

1. Connect two monitors to the HDMI and DisplayPort.
2. Once Windows 11 Pro has loaded, right-click on the desktop and select "Display settings".
3. From here, you can arrange your displays, change resolution, and select display modes (e.g., Extend, Duplicate).

Network Connectivity

Wired Connection: Connect an Ethernet cable to the RJ45 LAN port. The system will automatically detect and connect to the network.

Wireless Connection: The Mini PC features dual-band 2.4GHz and 5GHz Wi-Fi (802.11ac). To connect:

1. Click the Wi-Fi icon in the Windows taskbar.
2. Select your desired network from the list and enter the password if prompted.

Bluetooth Connectivity

The Mini PC includes Bluetooth 4.2. To pair a Bluetooth device:

1. Go to Windows Settings > Devices > Bluetooth & other devices.
2. Ensure Bluetooth is turned On.
3. Click "Add Bluetooth or other device" and follow the on-screen instructions to pair your device.

Storage and Memory Upgrades

The NiPoGi AM02 Mini PC supports upgrades for both RAM and storage.

- **RAM:** Features two SODIMM slots, supporting up to 64GB DDR4 RAM.
- **Storage:** Includes an M.2 NGFF SSD. An additional M.2 NVMe slot may be available for expansion.

Note: Opening the device for upgrades may void your warranty if not performed correctly. Consult professional assistance if unsure.

MAINTENANCE

Cleaning

- Regularly clean the exterior of the Mini PC with a soft, dry cloth.
- Use compressed air to gently clear dust from ventilation openings to maintain optimal airflow.
- Ensure the device is powered off and unplugged before cleaning.

Software Updates

Keep your Windows 11 Pro operating system and drivers updated to ensure optimal performance and security. Access Windows Update through Settings > Windows Update.

TROUBLESHOOTING

Problem	Possible Solution
No power / PC does not turn on.	<ul style="list-style-type: none">◦ Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.◦ Test the power outlet with another device.◦ Try a different power adapter if available and compatible.
No display output.	<ul style="list-style-type: none">◦ Verify that the monitor is powered on and set to the correct input source (HDMI/DP).◦ Check the HDMI/DisplayPort cable connections at both ends.◦ Try a different cable or monitor if possible.
Wi-Fi or Bluetooth not working.	<ul style="list-style-type: none">◦ Ensure Wi-Fi/Bluetooth is enabled in Windows settings.◦ Restart the Mini PC.◦ Update network and Bluetooth drivers.
System is slow or unresponsive.	<ul style="list-style-type: none">◦ Close unnecessary applications.◦ Check for background processes consuming resources (Task Manager).◦ Ensure sufficient free storage space.◦ Run a system scan for malware.

SPECIFICATIONS

Model	E3B
Processor	AMD Ryzen 7 3750H (4 cores/8 threads, 2.3 GHz base, up to 4.0 GHz boost)
Graphics	Radeon RX Vega 10 Graphics (1400 MHz)
RAM	16GB DDR4 (2x SODIMM slots, upgradable to 64GB)
Storage	512GB M.2 NGFF SSD
Operating System	Windows 11 Pro
Wireless Connectivity	Dual-band Wi-Fi (802.11ac 2.4/5GHz), Bluetooth 4.2
Ports	<ul style="list-style-type: none">1x RJ45 Gigabit Ethernet3x USB 3.01x USB 2.01x USB Type-C1x HDMI 2.0 (4K@60Hz)1x DisplayPort (4K@60Hz)1x Audio Jack1x DC-IN
Dimensions	12 x 12 x 4 cm
Weight	1.2 kg

WARRANTY AND SUPPORT

The NiPoGi AM02 Mini PC comes with a **1-year warranty**. For technical assistance, troubleshooting, or warranty claims, please contact NiPoGi customer support. **24/7 support** is available to assist you with any issues. Refer to the official NiPoGi website or your purchase documentation for specific contact details.