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NiPoGi P2-3300U

NiPoGi P2-3300U Mini PC User Manual

Model: P2-3300U

1. Introduction

This manual provides essential information for setting up, operating, and maintaining your NiPoGi P2-3300U Mini PC. Please read it thoroughly before using the device to ensure optimal performance and longevity.

Your browser does not support the video tag.

An overview video showcasing the compact design, AMD Ryzen 3300U processor, memory and storage expansion, multiple display output, various ports, efficient cooling, and diverse usage scenarios of the NiPoGi P2-3300U Mini PC.

Key Features:

- **Processor:** AMD Ryzen 3 3300U (up to 3.5GHz, 4 Cores/4 Threads)
- **Operating System:** Windows 11 Pro
- **Memory:** 16GB DDR4 (expandable up to 32GB)
- **Storage:** 512GB M.2 2280 SSD (expandable up to 4TB)
- **Graphics:** Integrated Graphics with 4K@60Hz support
- **Display Output:** Supports up to 3 screens simultaneously (HDMI 2.0, DisplayPort 1.4, USB 3.2 Gen1 Type-C)
- **Connectivity:** USB 3.2 x6, USB 3.2 Gen1 Type-C x1, 1000Mbps Wired LAN, Wi-Fi 5GHz, Bluetooth 4.2
- **Cooling:** Efficient and silent cooling fan system
- **Security:** TPM 2.0 chip for enhanced data protection
- **Design:** Ultra-compact and lightweight (approx. 128.2×128.2×44mm), VESA mount compatible

Diagram showing the compact size and key features like 4K output, Windows 11 Pro, 512GB SSD, 16GB DDR4, LAN, Bluetooth 4.2, and WiFi 5.

2. Package Contents

Before proceeding with the setup, please verify that all items listed below are included in your package:

- NiPoGi P2-3300U Mini PC
- Power Adapter
- HDMI Cable
- VESA Mount
- Screws for VESA Mount
- User Manual

Image showing the package contents, including the mini PC, power adapter, HDMI cable, VESA mount, and user manual.

3. Setup Guide

3.1 Connecting Peripherals

Identify the various ports on your Mini PC to connect your display, keyboard, mouse, and other devices.

Detailed view of the mini PC's ports, including USB, HDMI, DP, LAN, and Type-C.

- **Power:** Connect the power adapter to the DC port on the Mini PC and then to a power outlet.
- **Display:** Connect your monitor(s) using the HDMI 2.0, DisplayPort 1.4, or USB 3.2 Gen1 Type-C ports. The Mini PC supports up to three displays simultaneously.
- **Keyboard & Mouse:** Connect your USB keyboard and mouse to any of the available USB 3.2 ports.
- **Network:** For a wired connection, connect an Ethernet cable to the RJ45 LAN port. For wireless, the device supports Wi-Fi 5GHz.
- **Audio:** Connect headphones or speakers to the 3.5mm audio jack.

3.2 VESA Mount Installation

The Mini PC can be mounted on the back of a VESA-compatible monitor to save desk space.

1. Attach the VESA mount 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.

Mini PC mounted on the back of a monitor using a VESA mount.

3.3 Initial Boot and Windows 11 Pro Setup

After connecting all necessary peripherals and power, press the power button to turn on the Mini PC. Follow the on-screen instructions to complete the initial setup of Windows 11 Pro.

4. Operating Instructions

4.1 Basic Operation

The NiPoGi P2-3300U Mini PC is designed for smooth performance across various daily tasks:

- **Web Browsing:** Enjoy fast and stable internet access with Wi-Fi 5GHz or wired LAN.
- **Document Creation:** Efficiently work on office applications for documents, spreadsheets, and presentations.
- **Online Meetings:** Participate in video conferences with reliable connectivity.

- **Video Playback:** Stream 4K content smoothly.

Various usage scenarios: video conferencing, light gaming, data analysis, and movie watching.

4.2 Multitasking and Multi-Display

The AMD Ryzen 3 3300U processor ensures efficient multitasking, allowing you to run multiple applications simultaneously without significant slowdowns.

Multiple application windows open on a screen, illustrating the mini PC's multitasking capabilities.

With support for up to three 4K@60Hz displays, you can expand your workspace for enhanced productivity.

Mini PC connected to multiple monitors, demonstrating multi-display capability.

4.3 Advanced BIOS Settings

The unlocked BIOS provides access to advanced settings, including:

- **Auto-boot:** Configure the system to automatically power on when connected to power.
- **RTC Wake:** Schedule the PC to wake up at a specific time.
- **Wake on LAN:** Power on the PC remotely over a network connection.

5. Maintenance and Upgrades

5.1 Efficient Cooling System

The Mini PC features an efficient and silent cooling fan system to prevent overheating and maintain stable performance even during extended use. The design ensures heat is effectively dissipated from the interior.

Internal view of the mini PC highlighting the cooling fan and heat dissipation system.

Image depicting a user working on the mini PC at night while a child sleeps, emphasizing silent operation.

5.2 Storage and Memory Expansion

The Mini PC comes with 16GB DDR4 RAM and a 512GB M.2 2280 SSD. Both can be upgraded:

- **Memory:** Expandable up to 32GB DDR4 SO-DIMM.
- **Storage:** The M.2 2280 SSD can be replaced with a larger capacity drive, up to 4TB.

For detailed instructions on how to access and upgrade these components, please refer to the technical support section or contact customer service.

Diagram illustrating the internal memory (DDR4) and storage (M.2 2280 SSD) expansion capabilities.

6. Troubleshooting

If you encounter any issues with your NiPoGi P2-3300U Mini PC, please try the following general troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet if necessary.
- **No Display:** Verify that the monitor is powered on and the display cable (HDMI, DP, or Type-C) is firmly connected to both the Mini PC and the monitor. Try a different cable or port.
- **Peripheral Not Detected:** Ensure USB devices are properly plugged into the correct ports. Try connecting them to different USB ports.
- **Slow Performance:** Close unnecessary applications. Check for available Windows updates. Ensure the cooling vents are not obstructed.
- **Network Issues:** For wired connections, check the Ethernet cable and router. For Wi-Fi, ensure you are connected to the correct network and the signal is strong.

If the problem persists, please refer to the Warranty and Support section for further assistance.

7. Specifications

Feature	Detail
Brand	NiPoGi
Model Number	P2-3300U-16+512-NEW

Feature	Detail
Product Dimensions	128.2 x 128.2 x 44 mm
Item Weight	1.11 Kilograms
CPU Brand	AMD
CPU Type	Ryzen 3 3300U
CPU Speed	2.1 GHz (up to 3.5 GHz Max Turbo)
Processor Count	4
RAM Memory Type	DDR4 SDRAM
Installed RAM Size	16 GB
Max Memory Supported	32 GB
Hard Drive Size	512 GB
Hard Disk Type	SSD (M.2 2280)
Hard Disk Interface	eSATA (Note: M.2 is NVMe/SATA, eSATA is an external interface, likely a translation error in source data)
Graphics Accelerator	Integrated Graphics
Graphics Card Description	Integrated
VRAM Type	DDR4 SDRAM
Graphics Card Interface	Integrated
Resolution	3840 x 2160 (4K)
USB 3.0 Ports	6
HDMI Ports	1
Optical Drive Type	None
Operating System	Windows 11 Pro
Connectivity	Wi-Fi 5, Bluetooth 4.2, 1000Mbps LAN
Special Features	VESA Support, TPM 2.0

8. Warranty and Support

Your NiPoGi P2-3300U Mini PC comes with an**18-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. In the event of a defect or malfunction, NiPoGi offers free replacement or return services.
For technical support, warranty claims, or any questions regarding your product, please contact NiPoGi customer

service through the official channels provided at the time of purchase or on the NiPoGi website. Please have your product model and purchase information ready when contacting support.

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