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AWOW AL34

AWOW AL34 Mini PC User Manual

Model: AL34

1. INTRODUCTION

Enjoy A Wow Tech Life



Image: The AWOW AL34 Mini PC displayed with its key specifications including Windows 11 Pro, Wi-Fi AC 5G, compact size, M.2 SSD, and DDR4 RAM.

Thank you for choosing the AWOW AL34 Mini PC. This compact and powerful desktop computer is designed for various applications, from office work and entertainment to light gaming. Featuring an Intel J4105 processor, 8GB DDR4 RAM, and a 256GB SSD, it offers reliable performance and versatile connectivity. This manual will guide you through the setup, operation, and maintenance of your new Mini PC.

2. PACKAGE CONTENTS

Please check the box for the following items:

- AWOW AL34 Mini PC
- Power Adapter
- HDMI Cable (may vary by region/package)
- User Manual (this document)
- VESA Mount Kit (screws included)

3. PRODUCT OVERVIEW



Image: A general view of the AWOW AL34 Mini PC, showcasing its compact black design.

Familiarize yourself with the ports and features of your AWOW AL34 Mini PC.

External Ports and Buttons



Home equipment



Office equipment



Entertainment equipment



Image: Front and rear view of the AWOW AL34 Mini PC, highlighting various ports and buttons.

- **Front Panel:** Power Button, 2x USB 3.2 Ports, 3.5mm Audio Jack, Reset Button.
- **Rear Panel:** 2x HDMI 2.0 Ports, 1x USB 2.0 Port, Gigabit Ethernet (RJ45) Port, DC 12V Power Input.

POWER BIG

FIND THE RIGHT FIT



Image: Side view of the AWOW AL34 Mini PC, showing USB 3.2 ports and Micro SD card slot.

- **Side Panel:** Micro SD Card Slot, 2x USB 3.2 Ports.

Internal Components

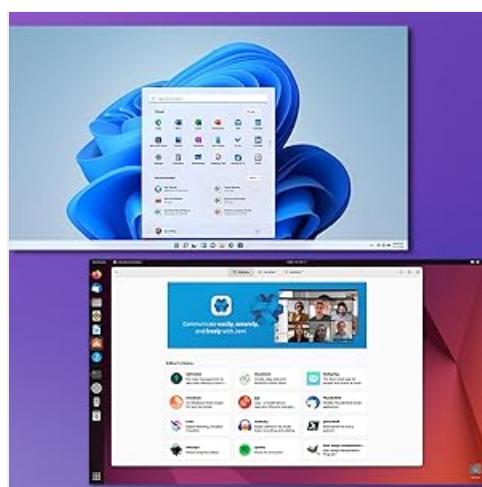


Image: Close-up of the Intel J4105 processor, highlighting its specifications: 4 Cores, 4 Threads, 4MB Cache, 10W TDP, and 2.5GHz Burst Frequency.

The AWOW AL34 Mini PC is powered by an Intel J4105 processor and includes 8GB DDR4 RAM and a 256GB M.2 SATA SSD. It features an efficient cooling fan for optimal heat dissipation.

4. SETUP GUIDE

Follow these steps for initial setup:

- Connect to Display:** Connect your monitor(s) to the HDMI 2.0 ports on the rear panel using HDMI cables.
- Connect Peripherals:** Plug in your keyboard, mouse, and other USB devices into the available USB ports.
- Network Connection:** For a wired connection, connect an Ethernet cable to the RJ45 port. For Wi-Fi, the device supports Dual-Band Wi-Fi (802.11a/b/g/n/ac) and Bluetooth.
- Power On:** Connect the power adapter to the DC 12V input port and then plug it into a power outlet. Press the power button on the front panel to turn on the Mini PC.
- Initial Boot:** The system will boot up. Follow the on-screen instructions to complete the Windows 11 Pro setup.



Image: The AWOW AL34 Mini PC connected to two monitors, demonstrating dual display capability.

5. OPERATING INSTRUCTIONS

Your AWOW AL34 Mini PC comes pre-installed with Windows 11 Pro. Operate it like any standard desktop computer.

- **Power On/Off:** Use the power button. For safe shutdown, use the Windows Start menu.
- **Restart:** Select "Restart" from the Windows Start menu.
- **Sleep Mode:** Select "Sleep" from the Windows Start menu to put the PC into a low-power state.
- **Wake-on-LAN:** This feature allows you to power on the PC remotely via the network. Ensure it is enabled in the BIOS settings.
- **Auto Power-on:** Configure the PC to automatically power on at a scheduled time via BIOS settings.
- **PXE Boot:** Preboot Execution Environment allows booting from a network server. This can be configured in BIOS.

Storage Expansion

The AWOW AL34 Mini PC offers flexible storage expansion options:

- **2.5-inch SATA HDD/SSD:** You can install a 2.5-inch 7mm SATA HDD or SSD (up to 4TB) for additional storage.
- **M.2 SATA SSD:** The pre-installed 256GB M.2 SATA SSD can be replaced with a larger M.2 SATA SSD (up to 2TB) if needed.
- **Micro SD Card:** Expand storage up to 512GB using the Micro SD card slot.

LARGE-SCALE STORAGE

Max 2TB+4TB=6TB



Replace M.2 2280 SATA SSD, Max 2TB



Expand 7mm SATA SSD/HDD, Max 4TB



Image: Exploded view of the AWOW AL34 Mini PC showing the location for M.2 SATA SSD and 2.5-inch SATA HDD/SSD expansion.

Dual Display Setup

The Mini PC supports dual 4K@60Hz displays via its two HDMI 2.0 ports. This allows for an extended desktop experience, improving productivity by providing more screen real estate for applications or for sharing information in business settings.

6. MAINTENANCE

To ensure the longevity and optimal performance of your AWOW AL34 Mini PC, follow these maintenance guidelines:

- Cleaning:** Use a soft, dry cloth to clean the exterior of the PC. Avoid liquid cleaners. For dust accumulation in vents, use compressed air.
- Ventilation:** Ensure the PC's ventilation openings are not blocked to prevent overheating.
- Software Updates:** Regularly update your operating system and drivers to maintain security and performance.
- Data Backup:** Periodically back up important data to an external drive or cloud storage.

7. TROUBLESHOOTING

If you encounter issues with your Mini PC, refer to the following common solutions:

Problem	Solution
PC does not power on.	Check if the power adapter is securely connected to both the PC and the power outlet. Try a different power outlet.
No display on monitor.	Ensure HDMI cables are securely connected to both the PC and the monitor. Verify the monitor is set to the correct input source. Try a different HDMI port or cable.
Slow performance.	Close unnecessary applications. Check for background processes. Ensure sufficient free storage space. Consider upgrading RAM or SSD if consistently slow.
No internet connection.	For wired connection, check Ethernet cable and router. For Wi-Fi, ensure Wi-Fi is enabled and connected to the correct network. Restart router and PC.
USB devices not recognized.	Try a different USB port. Reinstall device drivers. Restart the PC.

8. SPECIFICATIONS

Key technical specifications for the AWOW AL34 Mini PC:

Feature	Detail
Processor	Intel J4105 (4 Cores, 4 Threads, 4MB Cache, 1.50 GHz Base, up to 2.50 GHz Burst)
Graphics	Intel UHD Graphics 600 (Integrated)
RAM	8GB DDR4
Internal Storage	256GB M.2 SATA SSD
Storage Expansion	Supports 2.5-inch 7mm SATA HDD/SSD (up to 4TB), M.2 SATA SSD replacement (up to 2TB), Micro SD card (up to 512GB)
Operating System	Windows 11 Pro
Video Output	2x HDMI 2.0 (Supports Dual 4K@60Hz Displays)
USB Ports	4x USB 3.2, 1x USB 2.0
Network	Gigabit Ethernet (RJ45), Dual-Band Wi-Fi (802.11a/b/g/n/ac), Bluetooth
Audio	3.5mm Audio Jack
Dimensions (LxWxH)	5 x 4.3 x 1.7 inches (12.5 x 11.3 x 4.5 cm)
Weight	1.54 pounds (0.7 kg)
Special Features	Wake-on-LAN, Auto Power-on, PXE Boot, VESA Mount Support

SMALL FORM FACTOR

Tiny Size Nano ITX



VESA MOUNT



Image: The AWOW AL34 Mini PC with its dimensions indicated and a diagram showing VESA mount compatibility.

9. WARRANTY AND SUPPORT

AWOW is committed to providing excellent customer service.

- Warranty:** Your AWOW AL34 Mini PC comes with a 12-month warranty.
- Customer Service:** AWOW offers 24/7 customer service.
- Technical Support:** Lifetime technical support is provided by senior computer experts.
- Returns & Exchanges:** Within the warranty period, free official authorized returns, exchanges, and genuine accessories are offered.
- Contact:** For support, please refer to the contact information provided with your product or visit the official AWOW website.

10. PRODUCT VIDEO

Watch the official product video for a visual overview of the AWOW AL34 Mini PC's features and design.

Your browser does not support the video tag.

Video: An official video showcasing the AWOW J4105 AL34 Mini PC, detailing its various ports, internal components like the Intel J4105 CPU, M.2 SSD, DDR4 RAM, and cooling fan, as well as its application in home and office environments.

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