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› [AWOW](#) /

› [AWOW HA7 Mini PC User Manual](#)

AWOW HA7

AWOW HA7 Mini PC User Manual

Model: HA7 | Brand: AWOW

INTRODUCTION

This user manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your AWOW HA7 Mini PC. Designed for high performance and versatility, the HA7 Mini PC features an AMD Ryzen 7 7840HS processor, Radeon 780M graphics, and extensive connectivity options, making it suitable for a wide range of applications from gaming to professional tasks.

Please read this manual carefully before using your device to ensure optimal performance and longevity.

SETUP GUIDE

1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Ensure the following items are present:

- AWOW HA7 Mini PC
- Power Adapter
- HDMI Cable
- User Manual (this document)
- VESA Mount (if included with your model)

Inspect the Mini PC for any visible damage. If any components are missing or damaged, contact AWOW customer support immediately.

2. Connecting Peripherals

Connect your monitor, keyboard, and mouse to the appropriate ports on the Mini PC. The HA7 supports triple display output via USB4, HDMI 2.1, and DP 2.1 ports.

Wide Range of Interfaces

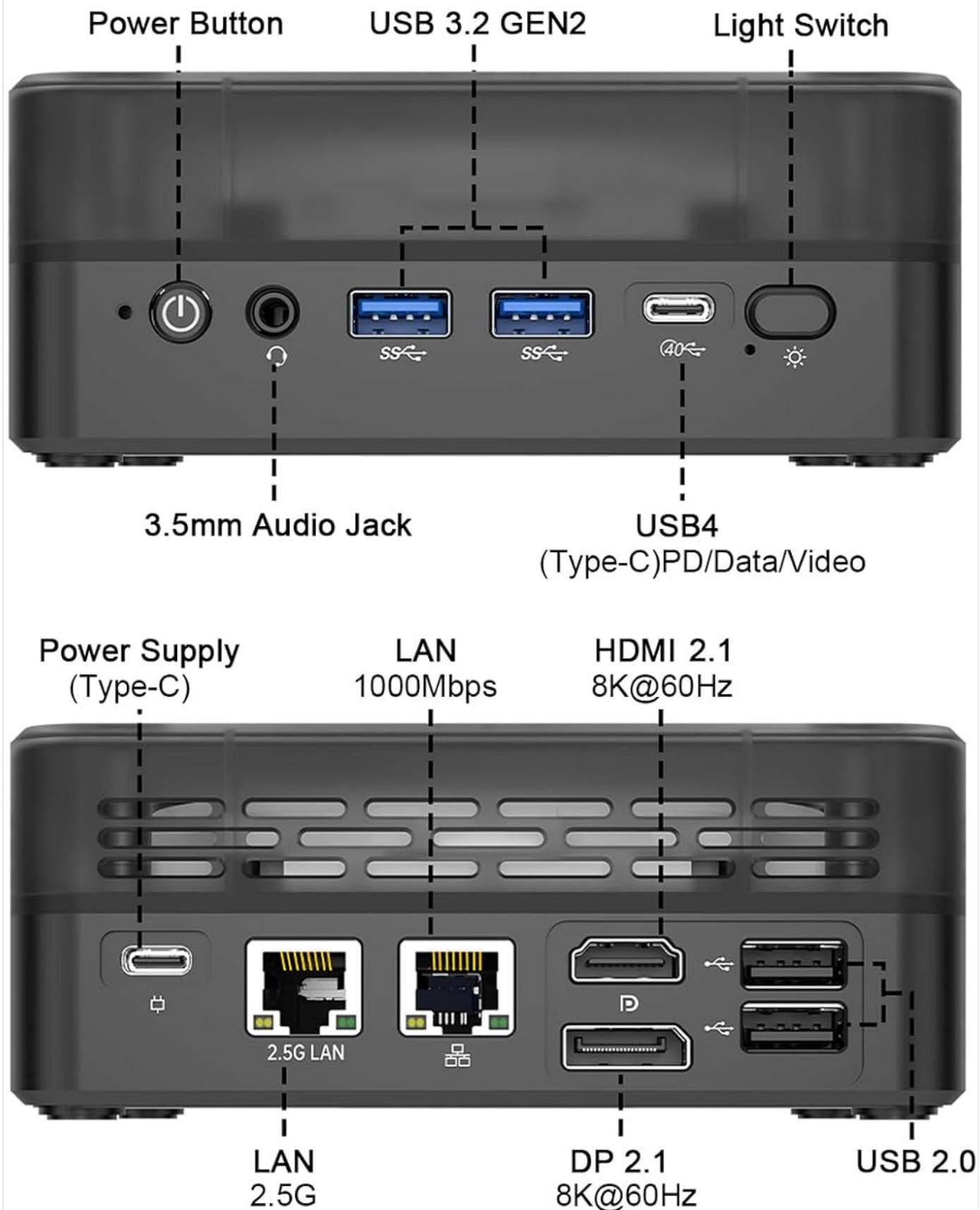


Figure 1: Front and Rear Ports of the AWOW HA7 Mini PC. The front panel includes the power button, 3.5mm audio jack, USB 3.2 GEN2 ports, USB4 (Type-C) port, and light switch. The rear panel features a Type-C power supply port, 2.5G LAN ports, HDMI 2.1, DP 2.1, and additional USB ports.

- **Monitor:** Connect your monitor(s) using the HDMI 2.1, DP 2.1, or USB4 (Type-C) ports.
- **Keyboard & Mouse:** Connect your USB keyboard and mouse to any available USB 3.0 or USB 3.2 GEN2 ports.
- **Network:** For wired internet, connect an Ethernet cable to one of the 2.5Gbps LAN ports. For wireless, ensure your Wi-Fi 6 router is active.
- **Audio:** Connect speakers or headphones to the 3.5mm audio jack on the front panel.

3. Powering On

Connect the power adapter to the Type-C power supply port on the rear of the Mini PC, then plug the adapter into a power outlet. Press the power button on the front panel to turn on the device. The power indicator light will illuminate.



Figure 2: The compact design of the AWOW HA7 Mini PC, shown both horizontally and vertically with its stand. The power button is visible on the front panel.

4. Initial Windows 11 Pro 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 settings, and user accounts. Ensure you have an active internet connection for Windows activation and updates.

OPERATING YOUR MINI PC

General Usage and Performance

The AWOW HA7 Mini PC is equipped with an AMD Ryzen 7 7840HS processor and AMD Radeon 780M graphics, providing robust performance for various applications, including:

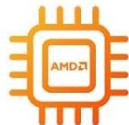
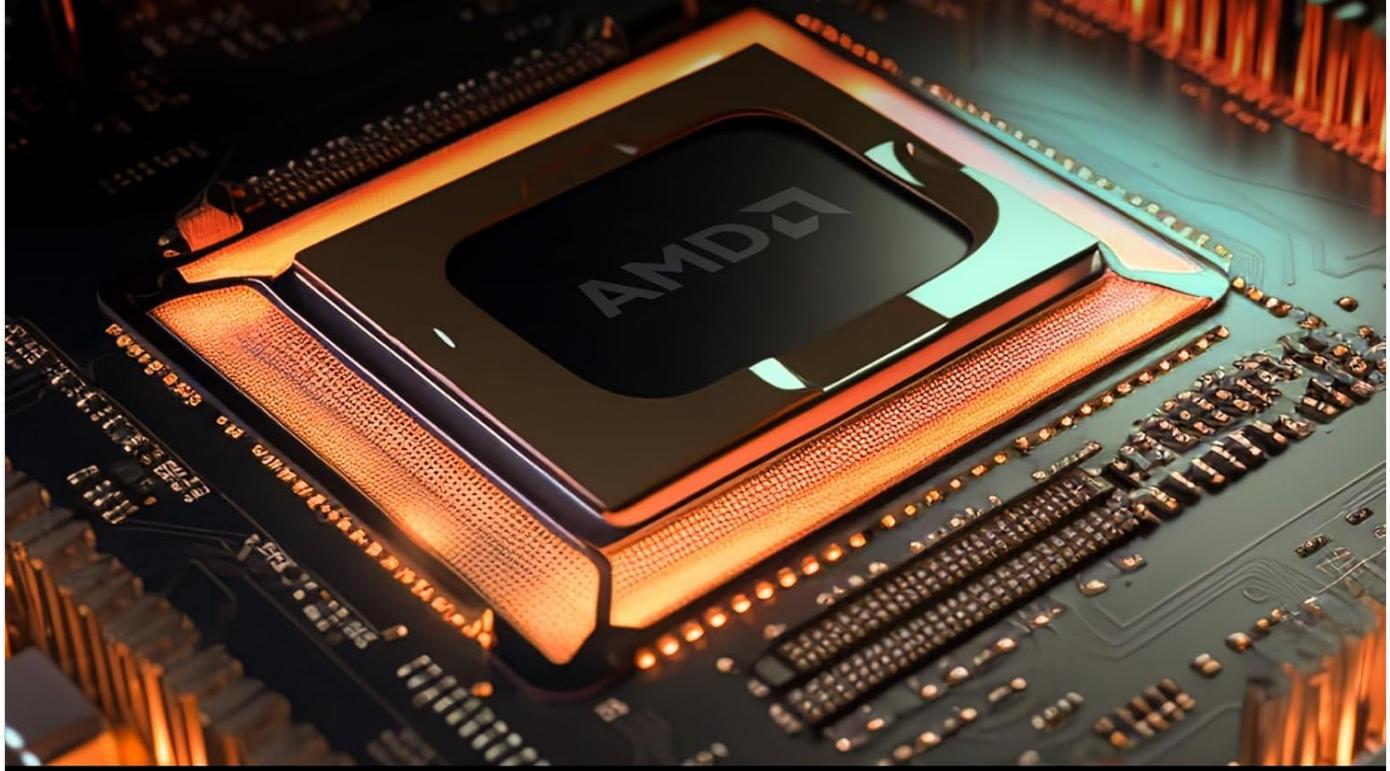
- **Productivity:** Seamless multitasking with office suites, web browsing, and virtual meetings.
- **Creative Work:** Capable of handling demanding applications like video editing, graphic design, and 3D rendering.

- **Gaming:** Enjoy a wide range of games with the powerful Radeon 780M GPU, supporting DirectX 12 Ultimate.
- **Media Consumption:** Experience high-resolution video playback with AV1 decoding support.



Figure 3: The AMD Ryzen 7 7840HS processor, featuring 8 cores, 16 threads, and a max turbo frequency of 5.1 GHz, built on 4nm Zen 4 architecture.

AMD RDNA 3 iGPU



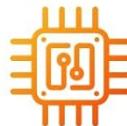
AMD
Radeon™ 780M



12 Graphics
Core Count



2700 MHz
Graphics Frequency



Support AV1
Core Count

Figure 4: The AMD Radeon 780M iGPU, based on AMD RDNA 3 graphics architecture, with 12 graphics cores and 2700 MHz frequency, supporting AV1 decoding.

Triple Display Output

The HA7 Mini PC supports simultaneous connection of up to three displays, enhancing your productivity and entertainment experience. Utilize the USB4, HDMI 2.1, and DP 2.1 ports for multi-monitor setups.

Triple-display Output

HDMI2.1 + DP2.1 + Type-C



Figure 5: An example of a triple-display setup connected to the AWOW HA7 Mini PC, demonstrating its capability for extended desktop environments.

Connectivity

The Mini PC offers advanced connectivity options:

- **Wired Network:** Two 2.5Gbps LAN ports provide high-speed wired internet access.
- **Wireless Network:** Integrated Wi-Fi 6 (802.11ax) ensures faster and more stable wireless connections with speeds up to 2.4Gbps.
- **Bluetooth:** Bluetooth 5.2 for high-speed wireless connection to peripherals like keyboards, mice, and audio devices.

Wi-Fi 6 + Bluetooth 5.2

Faster speeds, more reliable wireless connections



Figure 6: Illustration highlighting the faster speeds and more reliable wireless connections provided by Wi-Fi 6 and Bluetooth 5.2 on the AWOW Mini PC.

MAINTENANCE

Cleaning

To maintain optimal performance and prevent overheating, regularly clean the exterior of the Mini PC with a soft, dry cloth. Use compressed air to clear dust from the ventilation openings. Ensure the device is powered off and unplugged before cleaning.



Figure 7: An internal view of a mini PC's cooling fan, emphasizing the importance of keeping ventilation clear for efficient heat dissipation.

Software Updates

Regularly check for and install Windows updates and driver updates for your components (graphics, chipset, etc.). This ensures system stability, security, and optimal performance.

- **Windows Updates:** Go to Settings > Windows Update.
- **Driver Updates:** Visit the AWOW official website or AMD's website for the latest drivers for your Ryzen processor and Radeon graphics.

Upgrading RAM and SSD

The AWOW HA7 Mini PC allows for RAM and SSD upgrades. The RAM can be upgraded up to 64GB via dual channel DDR5 slots, and the SSD can be upgraded up to 2TB via M.2 2280 PCIe 4.0 SSD ports. Please note that the 7840HS model does not support external 2.5-inch SATA hard drives.

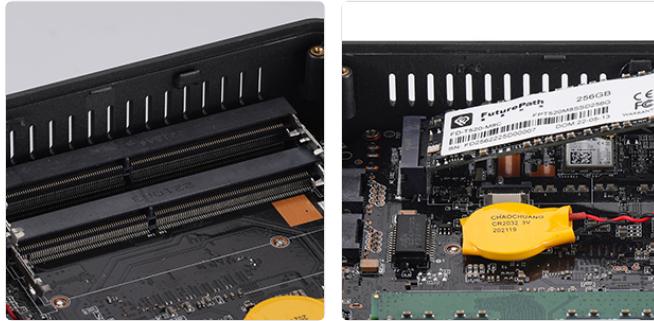


Figure 8: Internal view showing the SO-DIMM DDR5 RAM slots (left) and the M.2 2280 PCIe 4.0 SSD slot (right) for memory and storage upgrades.

For detailed instructions on how to perform upgrades, refer to the official AWOW support resources or consult a qualified technician.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on monitor	Loose cable connection, incorrect input source, power issue.	Check HDMI/DP/USB4 cable connections. Ensure monitor is on and set to correct input. Verify Mini PC power indicator is on.
No internet connection (wired)	Ethernet cable disconnected, router issue, network driver issue.	Ensure Ethernet cable is securely connected. Restart router. Check network adapter status in Device Manager.

Problem	Possible Cause	Solution
No internet connection (wireless)	Wi-Fi disabled, incorrect password, signal interference.	Ensure Wi-Fi is enabled in Windows settings. Re-enter Wi-Fi password. Move closer to router or reduce interference.
System slow or unresponsive	Too many applications running, low disk space, outdated drivers.	Close unnecessary applications. Free up disk space. Update drivers and Windows.
Bluetooth device not connecting	Bluetooth disabled, device out of range, pairing issue.	Ensure Bluetooth is enabled. Move device closer. Re-pair the Bluetooth device.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact AWOW customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Processor	AMD Ryzen 7 7840HS (8C/16T, up to 5.1Ghz)
Graphics	AMD Radeon 780M (12Core 2700MHz, RDNA 3)
RAM	32GB (2*16G) SO-DIMM DDR5 5600MHz Dual Channel (Upgradable to 64GB)
Storage	1TB M.2 2280 PCIe 4.0 SSD (Upgradable to 2TB)
Operating System	Windows 11 Pro
Video Output	USB4, HDMI 2.1, DP 2.1 (Triple Display Support)
LAN	2x 2.5Gbps RJ45 Ports
Wireless Connectivity	Wi-Fi 6, Bluetooth 5.2
USB Ports	2x USB 3.2 Gen2, 1x USB4 (Type-C), 2x USB (rear)
Audio	3.5mm Audio Jack
Dimensions (LxWxH)	5 x 4.3 x 1.7 inches (approx. 130 x 110 x 43 mm)
Weight	11.2 ounces (approx. 317 grams)

WARRANTY AND SUPPORT

AWOW provides comprehensive customer support for your HA7 Mini PC:

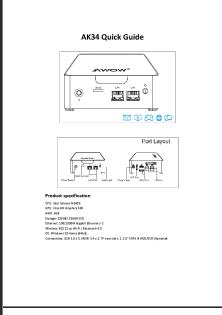
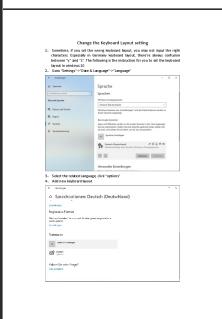
- Warranty:** 12-month warranty period.
- Customer Service:** 24/7 customer service available.
- Technical Support:** Lifetime technical support provided by senior computer experts.
- Returns & Exchange:** Free official authorized returns and exchanges within the warranty period.
- Genuine Accessories:** Free genuine accessories provided within the warranty period.

- **Local Call Service:** Available during 9:00 AM to 5:00 PM EST.

For support, please refer to the contact information provided on the official AWOW website or your purchase documentation.

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Related Documents - HA7

	<p><u>AWOW AK41 Mini PC Quick Guide</u></p> <p>A concise guide to the AWOW AK41 Mini PC, covering specifications, packing contents, port layout, and connection instructions.</p>
	<p><u>AWOW TH213-ES010-AWOW WiFi Thermostat User Guide</u></p> <p>Comprehensive user guide for the AWOW TH213-ES010-AWOW WiFi Thermostat, covering installation, setup, operation, advanced settings, app connectivity, and voice assistant integration for electric heating systems.</p>
	<p><u>AWOW AK34 Mini PC Quick Guide and Specifications</u></p> <p>Comprehensive guide for the AWOW AK34 Mini PC, detailing specifications, port layout, and answers to common user questions regarding setup, connectivity, and troubleshooting.</p>
	<p><u>AWOW TronixPad 1089 Quick Operation Guide Setup & Features</u></p> <p>Get started with your AWOW TronixPad 1089 tablet using this quick operation guide. Learn about setup, features, specifications, and troubleshooting for the AWOW Android tablet.</p>
	<p><u>AWOW Smart Plug X5P User Manual and Setup Guide</u></p> <p>Comprehensive guide to setting up and using the AWOW Smart Plug X5P. Control home devices remotely via the AWOW Home App, compatible with Amazon Alexa, Google Home, and IFTTT.</p>
	<p><u>How to Change Keyboard Layout in Windows 10 - AWOW Guide</u></p> <p>Step-by-step instructions from AWOW on how to change your keyboard layout in Windows 10, resolving common issues like the 'y' and 'z' confusion in German layouts. Learn to add and switch between keyboard layouts.</p>

