

ACEMAGIC M5

ACEMAGIC M5 Mini PC User Manual

Model: M5

1. INTRODUCTION

Thank you for choosing the ACEMAGIC M5 Mini PC. This manual provides essential information for setting up, operating, and maintaining your device. Please read it carefully to ensure optimal performance and longevity of your Mini PC.

The ACEMAGIC M5 is a compact and powerful computing solution, featuring an Intel Core i5-14500HX processor, 32GB DDR4 RAM, and a 1TB NVMe PCIe4.0 SSD. It comes pre-installed with Windows 11 Pro and supports triple 4K display output, making it suitable for various applications from office work to multimedia entertainment.

2. WHAT'S IN THE BOX

Please check the contents of your package. If any items are missing or damaged, contact customer support.

- 1 x ACEMAGIC M5 Mini PC
- 1 x Power Adapter
- 1 x HDMI Cable
- 1 x VESA Mount & Screws
- 1 x User Manual

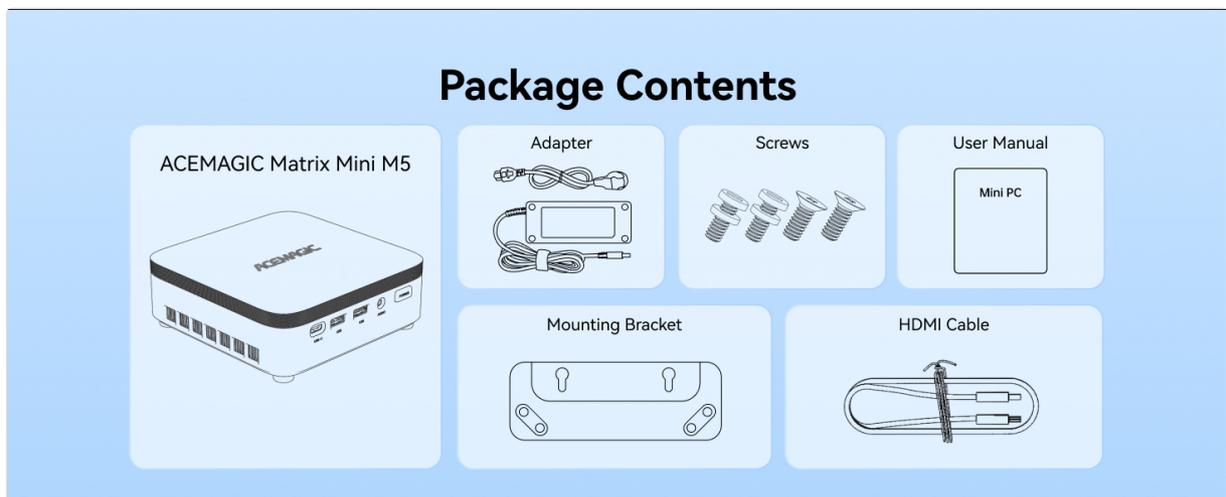


Image: Contents of the ACEMAGIC M5 Mini PC package, including the Mini PC unit, power adapter, HDMI cable, VESA mount, and user manual.

3. PRODUCT OVERVIEW

The ACEMAGIC M5 Mini PC is designed for high performance in a compact form factor. Below is an overview of its key features and connectivity options.

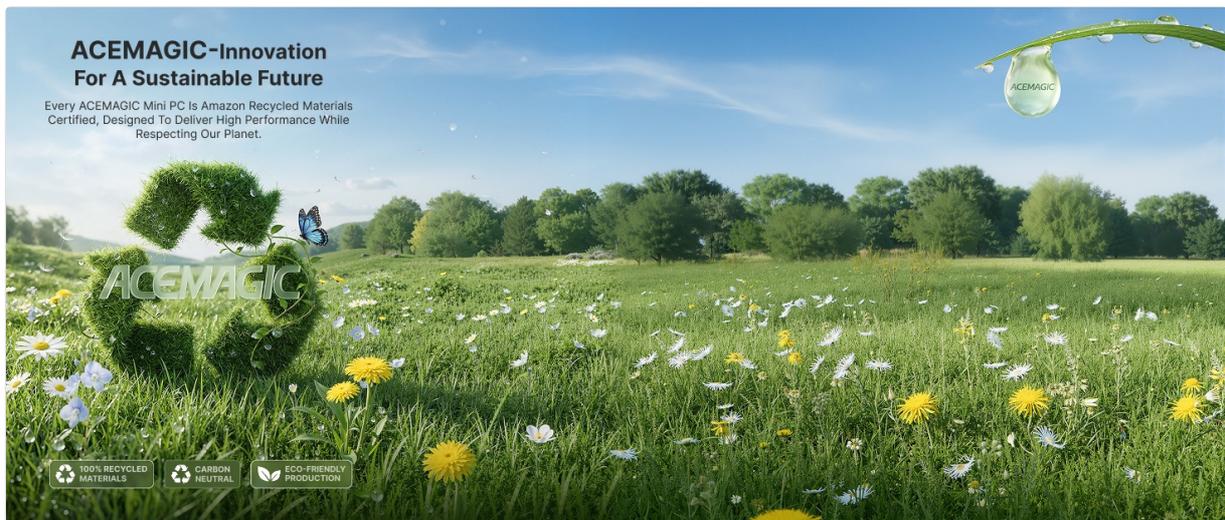


Image: An overview of the ACEMAGIC M5 Mini PC highlighting its Intel Core i5-14500HX processor, up to 64GB RAM support, dual M.2 high-speed storage expansion, 4K triple display, WiFi 6 + Bluetooth 5.2, and business features like TPM 2.0 and VESA mount.

3.1 Front and Side Ports

Intel Core i5-14500HX

4.9 GHz

14/20

Max Turbo Frequency Cores / Threads



Up to 64GB Supported

Dual-Channel High-Speed Memory for Smoother Multitasking



4K Triple Display

Multi-Screen Productivity

HDMI 2.0 DP1.4b USB-C



WiFi 6 + Bluetooth 5.2

Stable, Low-Latency Performance

Dual M.2 High-Speed Storage Expansion

Supports PCIe 4.0 NVMe SSD
Up to 4TB Storage Capacity



Business Features

Supports TPM 2.0, Scheduled Power-On, UEFI, VESA Mount

Image: Close-up view of the ACEMAGIC M5 Mini PC showing the front and side ports. The front includes a power button, USB 3.2 Gen 2 Type-A ports, and a 3.5mm audio jack. The sides feature ventilation grilles.

- **Power Button:** To power on/off the device.
- **USB 3.2 Gen 2 Type-A Ports (x2):** For connecting peripherals like keyboards, mice, or external drives.
- **3.5mm Audio Jack:** For headphones or speakers.
- **Ventilation Grilles:** Ensures proper airflow for cooling.

3.2 Rear Ports

High-Speed, Low-Latency Wireless

 1.0Gbps LAN 10M/100M/1000Mbps Auto-Negotiation	 WiFi 6 2.7x Faster Than WiFi5	 Bluetooth 5.2 Faster Data Transfer Speeds
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Image: A diagram illustrating the rear ports of the ACEMAGIC M5 Mini PC. It shows multiple USB ports, HDMI, DisplayPort, LAN, and DC power input.

- **Type-C Port (x1):** 10Gbps data transfer, DP1.4 4K@60Hz video output, and 15W PD output.
- **USB 3.2 Gen 2 Type-A Ports (x4):** High-speed connectivity for various USB devices.
- **RJ45 Gigabit Ethernet Port (x1):** For wired network connection.
- **HDMI 2.0 Port (x1):** Supports 4K@60Hz video output.
- **DisplayPort 1.4b (x1):** Supports 4K@60Hz video output.
- **DC Power Input (x1):** Connect the included power adapter here.

4. SETUP INSTRUCTIONS

Follow these steps to set up your ACEMAGIC M5 Mini PC for the first time.

1. **Connect Display:** Connect your monitor(s) to the Mini PC using the HDMI, DisplayPort, or Type-C ports. The device supports up to three 4K displays simultaneously.
2. **Connect Peripherals:** Plug in your keyboard, mouse, and any other USB devices into the available USB ports.
3. **Connect Power:** Connect the power adapter to the DC power input port on the back of the Mini PC, then plug the adapter into a power outlet.
4. **Power On:** Press the power button on the front of the Mini PC. The power indicator light will illuminate.
5. **Initial Setup:** The Mini PC comes with Windows 11 Pro pre-installed. Follow the on-screen instructions to complete the initial Windows setup. It is recommended to avoid connecting to Wi-Fi or LAN initially to prevent long updates from delaying desktop access.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** Press the power button once to turn on. To turn off, click the Start menu in Windows and select Power > Shut down.
- **Restart:** From the Start menu, select Power > Restart.
- **Sleep Mode:** From the Start menu, select Power > Sleep.

5.2 Display Configuration

The ACEMAGIC M5 supports triple 4K display output, allowing for enhanced multitasking and visual fidelity.

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14/20
Cores / Threads

Up to 64GB Supported
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Dual M.2 High-Speed Storage Expansion
Supports PCIe 4.0 NVMe SSD
Up to 4TB Storage Capacity

4K Triple Display
Multi-Screen Productivity
HDMI 2.0 DP1.4b USB-C

WiFi 6 + Bluetooth 5.2
Stable, Low-Latency Performance

Business Features
Supports TPM 2.0, Scheduled Power-On, UEFI, VESA Mount

Image: A user working with three monitors connected to the ACEMAGIC M5 Mini PC, demonstrating its triple 4K display capability via HDMI, DisplayPort, and USB-C.

- Connect up to three monitors using any combination of HDMI, DisplayPort, and Type-C ports.
- To configure display settings in Windows, right-click on the desktop and select