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› ACEMAGIC Warlord Mini W1 Mini PC User Manual

ACEMAGIC W1

ACEMAGIC Warlord Mini W1 Mini PC User Manual

Comprehensive guide for setup, operation, and maintenance of your ACEMAGIC Warlord Mini W1 Mini PC.

INTRODUCTION

Thank you for choosing the ACEMAGIC Warlord Mini W1 Mini PC. This compact and powerful desktop computer is designed for a wide range of applications, from daily computing tasks to demanding gaming and multimedia creation. This manual provides essential information to help you set up, operate, and maintain your device for optimal performance.

AMD Radeon 780M Integrated Graphics

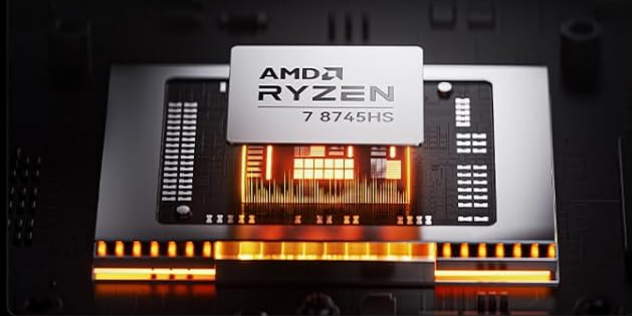
Stunning HD Visuals



AMD Ryzen 7 8745HS

8/16
Cores/Threads

4.9GHz
Up to Boost Clock



DDR5 5600 MHz
32GB

SO-DIMM DDR5 Slot*2

1TB M.2 2280
NVMe PCIe4.0×4 SSD

2 * M.2 2280 Slots

New Cooling System

54W

Performance Output



Save Desk Space



128*128*41.3mm

Pre-installed with
Windows 11 PRO



Triple Display

Supports 4K Resolution Output

 USB4 Type-C

 DP2.0

 HDMI 2.0



Image: Front view of the ACEMAGIC Warlord Mini W1 Mini PC, showcasing its compact design and front ports.

WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- ACEMAGIC Warlord Mini W1 Mini PC
- Power Adapter
- HDMI Cable
- VESA Mount Bracket
- Mounting Screws
- User Manual

Accessori



Image: An illustration detailing the contents of the ACEMAGIC Warlord Mini W1 package, including the mini PC, power adapter, screws, user manual, VESA mount, and HDMI cable.

SETUP GUIDE

1. Connecting Peripherals

Before powering on your Mini PC, connect your essential peripherals:

- **Monitor:** Connect your display using the provided HDMI cable or a DisplayPort/USB4 cable to the corresponding ports on the back of the Mini PC. The device supports triple display output (HDMI 2.0, DP 2.0, USB4).
- **Keyboard and Mouse:** Connect your USB keyboard and mouse to the available USB ports.
- **Network:** For a wired connection, connect an Ethernet cable to the 2.5Gbps LAN port. For wireless, ensure your Wi-Fi network is available during initial setup.
- **Audio:** Connect speakers or headphones to the 3.5mm audio jack on the front panel if needed.

Détails du produit



Image: Detailed view of the front and back panels of the Mini PC, highlighting the USB4 Type-C, USB3.2 Gen2, 3.5mm Audio Jack, Power Button on the front, and HDMI 2.0, DP 2.0, 2.5Gbps LAN, USB3.2 Gen1, and DC IN ports on the back.

2. Power Connection

Connect the power adapter to the DC IN port on the back of the Mini PC, then plug the adapter into a power outlet.

3. Powering On

Press the power button located on the front panel of the Mini PC. The system will boot up, and you should see the display on your monitor.

4. Initial Windows Setup

Follow the on-screen instructions to complete the Windows 11 Pro initial setup, including language, region, network connection, and user account creation.

5. VESA Mount Installation (Optional)

The ACEMAGIC Warlord Mini W1 supports VESA mounting. Use the included VESA bracket and screws to attach the Mini PC to the back of a compatible monitor or to a wall mount. This helps save desk space and creates a cleaner workspace.

OPERATING INSTRUCTIONS

Basic Usage

Your Mini PC comes pre-installed with Windows 11 Pro. You can use it like any standard desktop computer. Explore the Start Menu, launch applications, browse the web, and manage your files.

Connectivity

- **Wi-Fi 6:** Connect to high-speed wireless networks for fast internet access.
- **Bluetooth 5.2:** Pair with wireless peripherals such as headphones, speakers, or game controllers.
- **2.5Gbps LAN:** For the most stable and fastest network connection, use the wired Ethernet port.



Image: An illustration highlighting the ultra-fast connectivity options of the Mini PC, including Wi-Fi 6, Bluetooth 5.2, and 2.5Gbps LAN.

Triple Display Output

The Mini PC supports connecting up to three displays simultaneously, enabling enhanced productivity and immersive experiences. Use the HDMI 2.0 (4K@60Hz), DisplayPort 2.0 (8K@60Hz), and USB4 (8K@60Hz) ports for multi-monitor setups.



Image: A setup showing the ACEMAGIC Mini PC connected to three monitors, demonstrating its triple display support via USB4 Type-C, DP2.0, and HDMI 2.0 ports.

Storage and Memory Expansion

The Mini PC comes with 32GB DDR5 RAM and a 1TB NVMe PCIe 4.0 SSD. For users requiring more capacity, the system supports expansion:

- **RAM:** The dual-channel DDR5 memory can be expanded up to 96GB.
- **SSD:** The M.2 2280 NVMe PCIe 4.0 SSD storage can be expanded up to 4TB. The device features two M.2 2280 slots.

MAINTENANCE

Cleaning

To ensure longevity and optimal performance, regularly clean your Mini PC:

- Use a soft, dry cloth to wipe the exterior.
- Use compressed air to gently clear dust from the ventilation openings. Do not insert any objects into the vents.
- Avoid using liquid cleaners directly on the device.

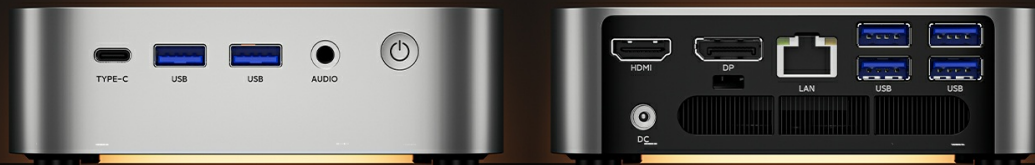
Software Updates

Keep your Windows operating system and drivers updated to ensure security, stability, and performance. Windows Update can be accessed through the Settings menu.

Cooling System

The ACEMAGIC Warlord Mini W1 features an advanced cooling system with a high-speed centrifugal fan, heat dissipation copper pipes, and a dual exhaust design. This system efficiently manages heat, ensuring stable performance and quiet operation. Ensure the air intake and exhaust vents are not obstructed.

Interfaces riches, faciles à étendre



Devant

USB4 Type-C×1 USB3.2 Gen2×2 Prise audio 3,5 mm x1
Bouton d'alimentation x1

Back

HDMI 2.1 ×1 DP2.0×1 2.5Gbps LAN
USB3.2 Gen1×4 DC IN ×1

Image: An exploded view diagram showing the internal components of the advanced cooling system, including the centrifugal fan, copper heat pipes, and dual exhaust design.

TROUBLESHOOTING

If you encounter issues with your ACEMAGIC Warlord Mini W1, refer to the following common solutions:

- **No Power:**

- Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- Verify the power outlet is functional by plugging in another device.

- **No Display:**

- Check that the HDMI, DisplayPort, or USB4 cable is firmly connected to both the Mini PC and the monitor.
- Ensure the monitor is powered on and set to the correct input source.
- Try a different cable or monitor if possible.

- **Slow Performance:**

- Close unnecessary applications running in the background.
- Ensure Windows and drivers are up to date.
- Check for sufficient free storage space on the SSD.
- Monitor the cooling system to ensure it's not overheating (ensure vents are clear).

- **Network Connectivity Issues:**

- For Wi-Fi, ensure you are connected to the correct network and the password is correct.
- For wired LAN, check the Ethernet cable connection and your router/modem status.
- Restart your router/modem and the Mini PC.

If these steps do not resolve your issue, please contact ACEMAGIC customer support for further assistance.

SPECIFICATIONS

Below are the detailed technical specifications for the ACEMAGIC Warlord Mini W1 Mini PC:

Feature	Detail
Brand	ACEMAGIC
Model Name	W1
Operating System	Windows 11 Pro
CPU Model	AMD Ryzen 7 8745HS (8 Cores/16 Threads)
CPU Speed	3.8 GHz (Base), up to 4.9 GHz (Max Turbo)
L3 Cache Size	16 MB
Graphics Coprocessor	AMD Radeon 780M (Integrated)
RAM	32GB DDR5 (Dual-channel, expandable up to 96GB)
Storage	1TB NVMe PCIe 4.0 SSD (2 x M.2 2280 slots, expandable up to 4TB)
Max Display Resolution	7680x4320 (8K)
Video Output Interfaces	HDMI 2.0 (4K@60Hz), DisplayPort 2.0 (8K@60Hz), USB4 (8K@60Hz)
Connectivity	Wi-Fi 6 (802.11ax), Bluetooth 5.2, 2.5Gbps Ethernet (LAN)
USB Ports	1x USB4 Type-C, 2x USB3.2 Gen2 (Front), 4x USB3.2 Gen1 (Rear)
Audio Ports	1x 3.5mm Audio Jack (Front)
Cooling Method	Air Cooling (High-speed centrifugal fan, copper pipes, dual exhaust)
Color	Silver
Dimensions	128 x 128 x 41.3 mm
Power Plug Type	Type C/EF (European/Hybrid FR-DE)
GTIN/UPC	766646811805

Corps du produit	Modèle du produit	Warlord Mini W1
	Marque	ACEMAGIC
Processeur	Processeur	AMD Ryzen 7 H 255
	Cœurs/Thread	8/16
	Graphiques intégrés	AMD Radeon 780M
Mémoire et capacité	RAM	SO-DIMM DDR5 Slot *2 (Up to 5600MHz, Max 128GB)
	Stockage/ROM	M.2 2280 NVMe PCIe4.0*4 Slot *2 (Max 4TB)
Dimensions	Longueur, largeur et hauteur	128x128x41.3mm
Système d'exploitation	Nom	Windows 11 PRO

Image: A visual representation of the key specifications of the ACEMAGIC Warlord Mini W1, including processor, graphics, memory, storage, dimensions, and operating system.

WARRANTY AND SUPPORT

Warranty Information

ACEMAGIC provides a **3-year quality warranty** for the Warlord Mini W1 Mini PC, ensuring peace of mind regarding product defects and manufacturing issues.

Customer Support

For any questions, technical assistance, or warranty claims, please contact ACEMAGIC customer support.

We offer **human customer service** and **lifetime technical support** to assist you with any inquiries regarding the use or functionality of your Mini PC.

Please refer to the contact information provided on the ACEMAGIC official website or your purchase documentation for the most up-to-date support channels.