ACEMAGIC Warlord Mini W1

ACEMAGIC Warlord Mini W1 Mini PC User Manual

Model: Warlord Mini W1 | Brand: ACEMAGIC

1. INTRODUCTION

The ACEMAGIC Warlord Mini W1 is a high-performance mini PC designed for various computing needs, from everyday tasks to demanding applications like 4K video processing, 3D rendering, and AAA gaming. It features an AMD Ryzen 7 H 255 processor, AMD Radeon 780M integrated graphics, 32GB DDR5 RAM, and a 1TB NVMe SSD, all within a compact form factor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

Image 1: The ACEMAGIC Warlord Mini W1 Mini PC, showcasing its sleek design and compact size.

2. WHAT'S IN THE BOX

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

- Main Unit (ACEMAGIC Warlord Mini W1 Mini PC)

- Power Adapter
- Mounting Bracket
- Screws for Mounting
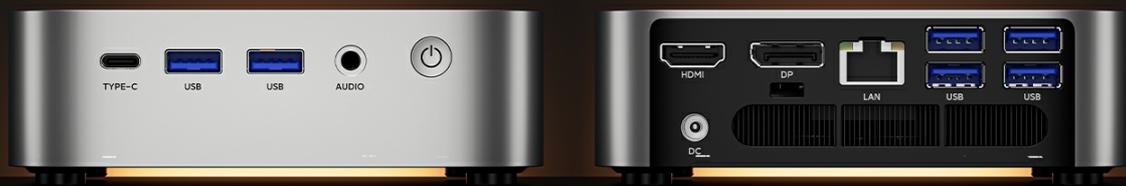- HDMI Cable
- User Manual

Image 2: Diagram illustrating the included accessories: main unit, adapter, screws, mounting bracket, HDMI cable, and user manual.

3. SETUP GUIDE

Follow these steps to set up your ACEMAGIC Warlord Mini W1 Mini PC:

1. **Unpack the Device:** Carefully remove the mini PC and all accessories from the packaging.
2. **Connect Peripherals:**

   - Connect your monitor(s) to the HDMI, DP, or USB4 Type-C ports.
   - Connect your keyboard and mouse to the available USB ports.
   - If using wired internet, connect an Ethernet cable to the 2.5GbE LAN port.
   - Connect any other desired USB devices (e.g., external hard drives, printers).

3. **Connect Power:** Plug the power adapter into the DC IN port on the back of the mini PC, then plug the adapter into a power outlet.
4. **First Boot:** Press the power button on the front of the device. The system will boot up, and you will be guided through the initial Windows 11 Pro setup process. Follow the on-screen instructions to configure your operating system.

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 3: Detailed view of the front and back interfaces, showing USB4 Type-C, USB3.2 Gen2, 3.5mm Audio Jack, Power Button (front), HDMI 2.1, DP2.0, 2.5GbE LAN, USB3.2 Gen1, and DC IN (back).

4. OPERATING INSTRUCTIONS

This section covers the basic operation of your mini PC.

4.1 Power On/Off and Restart

- **Power On:** Press the power button once.
- **Power Off:** From Windows, go to Start > Power > Shut down. Alternatively, press and hold the power button for 5 seconds to force a shutdown (use only when necessary).
- **Restart:** From Windows, go to Start > Power > Restart.

4.2 Network Connectivity

- **Wi-Fi:** The device supports Wi-Fi 6. In Windows, click the network icon in the taskbar, select your Wi-Fi network, and enter the password.
- **Ethernet:** Connect an Ethernet cable to the 2.5GbE LAN port for a stable wired connection.
- **Bluetooth:** The device supports Bluetooth 5.2. Enable Bluetooth in Windows settings to connect wireless peripherals like keyboards, mice, or headphones.

4.3 Multi-Display Setup

The ACEMAGIC Warlord Mini W1 supports triple display output, allowing you to connect up to three monitors simultaneously for enhanced productivity. It supports 8K resolution via DP 2.0 and USB4 Type-C, and 4K resolution via HDMI 2.1.

- Connect your monitors to the available HDMI, DP, and USB4 Type-C ports.
- In Windows, right-click on the desktop and select "Display settings" to configure your multiple displays (e.g., extend, duplicate, or show only on one screen).

Image 4: The ACEMAGIC Warlord Mini W1 connected to a triple display setup, demonstrating its multi-monitor capabilities.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your mini PC.

5.1 Cleaning

- Regularly clean the exterior of the mini PC with a soft, dry cloth.
- Use compressed air to gently clear dust from the ventilation openings to maintain efficient cooling. Ensure the device is powered off before cleaning.

5.2 Software and Driver Updates

- Keep your Windows 11 Pro operating system updated by regularly checking for updates in Settings > Windows Update.
- Ensure your AMD graphics drivers are up to date for optimal performance, especially for gaming and demanding graphical tasks. You can download the latest drivers from the official AMD website.

5.3 Storage and RAM Expansion

The ACEMAGIC Warlord Mini W1 offers flexible upgrade options:

- **RAM:** The dual-channel DDR5 memory can be expanded up to 128GB. Consult the user manual or ACEMAGIC support for compatible RAM modules and installation instructions.
- **SSD:** The 1TB NVMe PCIe 4.0x4 SSD can be upgraded to up to 4TB. The device features two M.2 2280 slots for storage expansion.

5.4 Advanced Cooling System

The mini PC incorporates an advanced cooling system with a high-speed centrifugal fan, heat dissipation copper pipes, and a dual exhaust design to ensure stable performance and low noise levels during operation. This system helps maintain optimal temperatures even under heavy loads.

Image 5: Diagram illustrating the internal advanced cooling system with a high-speed centrifugal fan, copper heat pipes, and dual exhaust design.

Image 6: Exploded view showing the internal structure of the ACEMAGIC Warlord Mini W1, highlighting components like the motherboard, cooling system, and storage slots.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your mini PC.

6.1 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.
- Check the power adapter for any visible damage.

6.2 No Display

- Confirm that the monitor is powered on and the correct input source is selected.
- Ensure the HDMI, DP, or USB4 Type-C cable is securely connected to both the mini PC and the monitor.
- Try connecting the mini PC to a different monitor or using a different display cable to rule out cable or monitor issues.

6.3 Network Connectivity Issues

- **Wi-Fi:** Check if Wi-Fi is enabled in Windows settings. Restart your router and the mini PC. Ensure you are entering the correct Wi-Fi password.
- **Ethernet:** Verify the Ethernet cable is properly connected. Check your router's status and ensure the network adapter is enabled in Windows Device Manager.

6.4 Performance Issues

- Close unnecessary applications running in the background.
- Ensure your operating system and drivers are up to date.
- Check for sufficient free storage space on your SSD.
- Monitor CPU and RAM usage in Task Manager to identify resource-intensive processes.

If you continue to experience issues, please refer to the Warranty and Support section for assistance.

7. SPECIFICATIONS

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

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	128×128×41.3mm
Système d'exploitation	Nom	Windows 11 PRO

Image 7: A visual representation of the product specifications, including CPU, GPU, memory, storage, and dimensions.

Feature	Specification
Brand	ACEMAGIC
Model Number	Warlord Mini W1
Operating System	Windows 11 Pro
Processor Brand	AMD
Processor Type	AMD Ryzen 7 H 255
Processor Speed	3.8 GHz (up to 4.9 GHz boost)
Number of Cores	8
RAM Size	32 GB DDR5
Maximum RAM	128 GB

Feature	Specification
Hard Drive Size	1 TB
Hard Drive Technology	NVMe PCIe 4.0x4 SSD
Graphics Card	Integrated AMD Radeon 780M
Resolution	Up to 7680x4320 (8K)
HDMI Ports	1 (HDMI 2.1)
DisplayPort	1 (DP 2.0)
USB4 Type-C	1
USB 3.2 Gen2	2 (Front)
USB 3.2 Gen1	4 (Rear)
LAN	2.5GbE
Wireless Connectivity	WiFi 6, Bluetooth 5.2
Dimensions (L x W x H)	18.4 x 16.9 x 9.8 cm

8. WARRANTY AND SUPPORT

ACEMAGIC is committed to providing high-quality products and excellent customer service.

- **Warranty:** Your ACEMAGIC Warlord Mini W1 Mini PC comes with a 3-year quality warranty.
- **Customer Service:** We offer human customer service to assist you with any inquiries or issues.
- **Technical Support:** Lifetime technical support is provided for your product.

For any questions regarding usage, troubleshooting, or warranty claims, please do not hesitate to contact ACEMAGIC customer support. You can find contact information on the official ACEMAGIC website or through your purchase platform.
Visit the official ACEMAGIC store for more information:ACEMAGIC Store