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ACEMAGICIAN K1

ACEMAGICIAN K1 Mini PC User Manual

Model: K1

1. INTRODUCTION

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your ACEMAGICIAN K1 Mini PC. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

1.1. Package Contents

Verify that all items listed below are included in your package:

- T8plus mini pc (ACEMAGICIAN K1 Mini PC)
- Power Adapter
- VESA Bracket
- HDMI Cable
- User Manual

AMD Ryzen 3 3300U

4/4 Cores/Threads 3.5GHz Turbo Boost Frequency

2.1GHz Base Frequency 4MB L3 Cache



Triple Screen Display

HDMI 2.0 x 1 DP1.4 x 1 TYPE - C x 1



Windows 11 PRO

M.2 2280 SSD

M.2 2280 SATA&NVMe PCIe3.0x2 Slot *1
M.2 2280 NVMe PCIe3.0x4 Slot *1



Efficient Cooling System



Dual SO-DIMM DDR4

DDR4 SO-DIMM Slots x2, up to 32GB



Radeon RX Vega 6

1200MHz Frequency 6 Cores



WiFi 5



Bluetooth 4.2

Image: ACEMAGICIAN K1 Mini PC with its power adapter, VESA bracket, HDMI cable, and user manual.

2. SETUP

2.1. Connecting Your Mini PC

- Connect Display:** Connect your monitor(s) to the Mini PC using the HDMI 2.0, DP 1.4, or USB-C ports. The device supports up to three 4K displays simultaneously.

- 2. Connect Peripherals:** Plug in your keyboard, mouse, and other USB devices into the available USB 3.2 Type-A or USB 3.2 Type-C ports.
- 3. Connect Network:** For a wired connection, connect an Ethernet cable to the RJ45 Gigabit Ethernet port. For wireless, the device supports WiFi 5.
- 4. Connect Power:** Plug the power adapter into the DC input port on the Mini PC, then connect it to a power outlet.

AMD Ryzen 3 3300U Processor

It Offers A Similar Level Of CPU Capability,
Equivalent To That Of The Intel N95.

4/4

Cores/Threads

3.50 GHz

Turbo Boost Frequency

2.1GHz

Base Frequency

4MB

L3 Cache



Image: Detailed view of the ACEMAGICIAN K1 Mini PC's front and rear ports, including USB, HDMI, DP, LAN, and power input.

2.2. VESA Mounting (Optional)

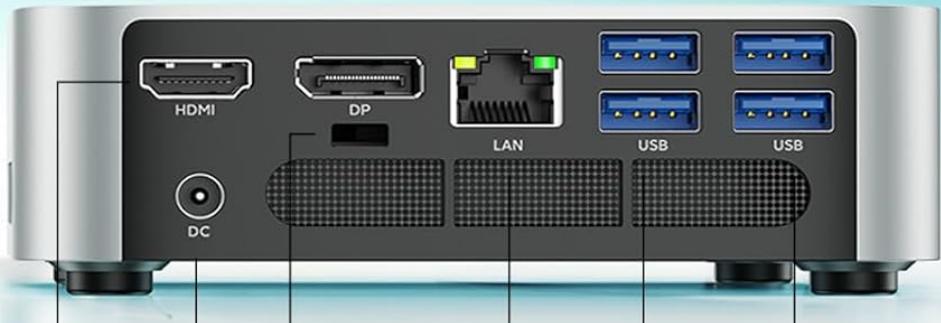
The ACEMAGICIAN K1 Mini PC supports VESA mounting, allowing you to attach it to the back of a compatible monitor or to a wall for a clutter-free workspace.

- 1. Prepare Tools:** Ensure you have a suitable VESA mounting bracket (included), a screwdriver, and any necessary screws.
- 2. Install Bracket:** Attach the mounting bracket to the VESA mounting holes on the back of your display using a screwdriver.
- 3. Mount Mini PC:** Align the back of the Mini PC with the corresponding part of the bracket and secure it using screws or other fastening devices.

Grand Slam interface



Type-C USB3.2 Gen1×2 3.5mm Audio Jack Power Button



HDMI 2.0 DC DP 1.4 RJ45 Gigabit Ethernet Port USB3.2 Gen1×4

Image: A person demonstrating the VESA mounting process for the ACEMAGICIAN K1 Mini PC onto a monitor.

3. OPERATING INSTRUCTIONS

3.1. Power On/Off

- **Power On:** Press the power button located on the front of the Mini PC. The power indicator light will illuminate.
- **Power Off:** To shut down, go to the Start Menu in Windows 11 Pro, select "Power," and then "Shut down."

Alternatively, you can press and hold the power button for a few seconds to force a shutdown (not recommended for regular use).

3.2. Using Windows 11 Pro

Your Mini PC comes pre-installed with Windows 11 Pro. Follow the on-screen instructions for initial setup, including language selection, network connection, and user account creation. Regular Windows updates are recommended for security and performance.

3.3. Triple Display Setup

The ACEMAGICIAN K1 supports connecting up to three 4K displays simultaneously via its HDMI 2.0, DP 1.4, and USB-C ports. This allows for an expanded workspace and enhanced multitasking capabilities.

- Connect each display to the respective ports on the Mini PC.
- Once connected, Windows 11 Pro should automatically detect the displays.
- To configure display settings (e.g., extend, duplicate, resolution), right-click on the desktop, select "Display settings," and adjust as needed.

Store More, Load Faster

Up to

32GB

(16GB+16GB)

Dual SO-DIMM DDR4 Slots Support
Memory Expansion

Up to

4TB

(2TB+2TB)

Standard

M.2 2280 SATA&NVMe SSD



Image: The ACEMAGICIAN K1 Mini PC facilitating a triple-screen display setup, showcasing its multi-monitor capability.

4. MAINTENANCE

4.1. Cleaning

To maintain optimal performance and prevent overheating, regularly clean your Mini PC:

- Use a soft, dry cloth to wipe the exterior.

- Use compressed air to gently clear dust from ventilation openings.
- Avoid using liquid cleaners directly on the device.

4.2. Storage

When not in use for extended periods, store the Mini PC in a cool, dry place away from direct sunlight and extreme temperatures.

4.3. Upgrading Components

The ACEMAGICIAN K1 Mini PC allows for storage and memory expansion:

- **RAM:** The device features dual SO-DIMM DDR4 slots, supporting up to 32GB (16GB+16GB) of memory.
- **SSD:** Storage can be expanded by installing an M.2 NVMe PCIe 3.0 or M.2 SATA SSD (up to 4TB).

To access internal components for upgrades, carefully remove the bottom cover. Refer to the image below for a visual representation of the internal layout.



Image: An internal view of the ACEMAGICIAN K1 Mini PC, highlighting the RAM and SSD slots for potential upgrades.

5. TROUBLESHOOTING

5.1. Common Issues and Solutions

Issue	Possible Cause	Solution
No Power	Power adapter not connected, power outlet issue.	Ensure power adapter is securely connected to both the Mini PC and a working power outlet. Test the outlet with another device.
No Display	Incorrect display cable connection, incorrect input source on monitor.	Check display cable connections. Ensure the monitor is set to the correct input source (HDMI, DP, USB-C). Try a different cable or monitor if possible.
No Internet (Wi-Fi)	Incorrect Wi-Fi password, router issue, weak signal.	Verify Wi-Fi password. Restart your router. Ensure the Mini PC is within range of the Wi-Fi signal.
Slow Performance	Too many applications running, insufficient RAM, overheating.	Close unnecessary applications. Consider upgrading RAM if frequently experiencing slowdowns. Ensure proper ventilation and clean dust from vents.
Audio Jack Noise	Electrical interference or specific audio device incompatibility.	Test with different headphones/speakers. Ensure all connections are secure. If the issue persists, consider using USB audio devices.

6. SPECIFICATIONS

Feature	Detail
Brand	ACEMAGICIAN
Model	K1
Processor	AMD Ryzen 3 3300U (4 Cores/4 Threads, up to 3.5 GHz)
RAM	16 GB DDR4 (SODIMM, Max 16GB, Dual SO-DIMM slots support up to 32GB)
Storage	256 GB SSD (M.2 2280 SATA/NVMe PCIe 3.0, expandable up to 4TB)
Operating System	Windows 11 Pro
Graphics	AMD Radeon Vega 6 Graphics (1200 MHz, 6 Cores)
Video Output	HDMI 2.0, DP 1.4, USB-C (Supports Triple 4K UHD Display)
Connectivity	WiFi 5 (802.11ac), Bluetooth 4.2, Gigabit Ethernet (RJ45)
USB Ports	6x USB 3.2 Type-A, 1x USB 3.2 Type-C
Audio	3.5mm Audio Jack
Dimensions	8.94 x 8.94 x 4.35 cm
Weight	203 grams
Special Features	Auto Power On, PXT Boot, WOL (Wake-on-LAN), RTC (Real-Time Clock)

7. WARRANTY AND SUPPORT

ACEMAGICIAN provides comprehensive support for its products:

- **Warranty:** 12-month warranty.
- **Customer Service & Support:** Dedicated customer service and support team available.
- **Technical Assistance:** Lifetime technical assistance.

For further assistance, please refer to the contact information provided with your product or visit the official ACEMAGICIAN website.