ACEMAGICIAN T8PLUS

ACEMAGICIAN Mini PC T8PLUS User Manual

Model: T8PLUS

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your ACEMAGICIAN Mini PC T8PLUS. This compact desktop computer features a Windows 11 Pro operating system, an Intel Alder Lake N95 processor, 16GB LPDDR5 RAM, and a 512GB M.2 SSD. It supports 4K UHD output across three HDMI ports, dual Gigabit Ethernet, 2.4G/5G WiFi, and Bluetooth 4.2.

Figure 1: ACEMAGICIAN Mini PC T8PLUS, a compact desktop computer.

2. SETUP

2.1 Unboxing and Initial Connections

Carefully unpack all components from the box. The package typically includes the Mini PC unit, a power adapter, an HDMI cable, and a VESA mounting bracket with screws.

1. **Connect Peripherals:** Connect your keyboard, mouse, and monitor(s) to the available USB and HDMI ports.
2. **Power Connection:** Connect the power adapter to the DC-IN port on the Mini PC and then to a power outlet.
3. **Initial Boot-up:** Press the power button to turn on the device. Follow the on-screen instructions for the initial Windows 11 Pro setup.
4. **Network Connection (Post-Setup):** It is recommended to complete the initial Windows setup *without* connecting to the internet (Wi-Fi or Ethernet) to avoid lengthy update downloads during the setup process. Connect to the internet only after reaching the desktop.

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Video 1: Overview of the Mini PC and its components, including ports and internal layout. This video demonstrates the compact size and various connectivity options.

2.2 VESA Mounting (Optional)

The Mini PC can be mounted to the back of a compatible monitor using the included VESA bracket. This saves desk space and provides a clean setup.

1. **Attach Bracket to PC:** Secure the VESA bracket to the bottom of the Mini PC using the provided screws.
2. **Attach PC to Monitor:** Align the bracket with the VESA mounting holes on your monitor and secure it with appropriate screws.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

- **Power On:** Press the power button located on the front panel. The power indicator light will illuminate.
- **Power Off:** From Windows, click the Start button, then Power, and select "Shut down." Alternatively, press and hold the power button for 5 seconds to force a shutdown (not recommended for regular use).

3.2 Connectivity

- **USB Ports:** The Mini PC features multiple USB 3.2 Gen 1 ports on the front and USB 2.0 ports on the rear for connecting peripherals like keyboards, mice, external drives, and printers.
- **HDMI Ports:** Three HDMI 2.0 ports support up to 4K UHD resolution, allowing for multi-monitor setups.
- **Ethernet (LAN):** Dual RJ45 Gigabit Ethernet ports provide stable and high-speed wired network connections.
- **Wi-Fi & Bluetooth:** Integrated 2.4G/5G Wi-Fi and Bluetooth 4.2 enable wireless connectivity for internet access and pairing with Bluetooth devices.
- **Audio Jack:** A 3.5mm audio jack on the front panel supports headphones and microphones.

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Video 2: A short preview demonstrating the various ports and connectivity options of a similar mini PC model, including USB, HDMI, LAN, and power input.

4. MAINTENANCE AND UPGRADES

4.1 Cleaning

- Regularly clean the exterior of the Mini PC with a soft, dry cloth.
- Use compressed air to clear dust from the ventilation grilles to ensure optimal airflow and prevent overheating.

4.2 Component Upgrades

The ACEMAGICIAN Mini PC T8PLUS allows for upgrades to its M.2 SSD and RAM modules. Exercise caution and ensure the device is powered off and unplugged before attempting any internal modifications.

1. **Accessing Internal Components:** The bottom panel of the Mini PC can be removed to access the internal components. This typically involves removing the rubber feet to expose screws.
2. **RAM Upgrade:** The device supports DDR4 RAM. Locate the SO-DIMM slots and carefully insert or replace the RAM modules.
3. **SSD Upgrade:** The device supports M.2 2280 SATA SSDs. Locate the M.2 slot and install or replace the SSD. Ensure proper thermal contact if a thermal pad is present.
4. **Caution:** Be gentle when handling internal components, especially Wi-Fi antenna wires and connectors, as they are delicate and easily damaged.

5. TROUBLESHOOTING

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet if necessary.
- **No Display:** Verify that the HDMI cable(s) are securely connected to both the Mini PC and the monitor(s). Ensure the monitor is set to the correct input source.
- **No Internet Connection:** For wired connections, check the Ethernet cable and router. For Wi-Fi, ensure the Wi-Fi adapter is enabled in Windows settings and connected to the correct network.
- **Slow Performance:** Check Task Manager for high CPU or RAM usage. Close unnecessary applications. Ensure Windows is up to date and drivers are installed correctly.
- **Peripheral Not Detected:** Try connecting the peripheral to a different USB port. Ensure drivers for the peripheral are installed.

6. SPECIFICATIONS

Feature	Detail
Brand	ACEMAGICIAN
Model Number	T8PLUS
Operating System	Windows 11 Pro
Processor	Intel 12th Alder Lake N95 (up to 3.4 GHz)
CPU Model	Celeron
RAM	16GB LPDDR5 (Flash Memory Size: 16 GB)
Storage	512GB M.2 SSD (Hard Drive Interface: Solid State)
Graphics	Built-in UHD Graphics 750MHz
Video Output	3 x HDMI (Supports 4K UHD)

Ethernet	Dual Gigabit Ethernet (RJ45 LAN)
Wireless Connectivity	2.4G/5G WiFi, Bluetooth 4.2
USB Ports	2 x USB 3.2, 2 x USB 2.0
Audio	3.5mm Audio Jack (HP&MIC)
Item Weight	1.06 pounds
Package Dimensions	5.71 x 5.71 x 4.09 inches
Color	Silver

7. WARRANTY INFORMATION

For detailed warranty information regarding your ACEMAGICIAN Mini PC T8PLUS, please refer to the warranty card included in your product packaging or visit the official ACEMAGICIAN website. Keep your proof of purchase for warranty claims.

8. CUSTOMER SUPPORT

If you encounter any issues or have questions about your ACEMAGICIAN Mini PC T8PLUS, please contact ACEMAGICIAN customer support. Contact details can be found on the official ACEMAGICIAN website or in your product documentation.
Official ACEMAGICIAN Store: Visit Store

Related Documents - T8PLUS

[Shenzhen Qingfen Tingxiu Mini PC T8PLUS User Manual and Specifications](#)
Comprehensive user manual for the Shenzhen Qingfen Tingxiu T8PLUS Mini PC, covering packing list, connections, internal components, and FCC compliance. Includes multilingual support information.

[SKY DEVICES Elite T8Plus User Manual](#)
User manual for the SKY DEVICES Elite T8Plus tablet, covering general information, getting started, using menus, and troubleshooting.

	Senelux T8PLUS Dehumidifier Instruction Manual Instruction manual for the Senelux T8PLUS Dehumidifier, detailing features, specifications, cleaning, safety instructions, and frequently asked questions. Learn how to use and maintain your Peltier-based dehumidifier.
	SKY DEVICES Elite T8Plus User Manual Comprehensive user manual for the SKY DEVICES Elite T8Plus tablet, providing setup instructions, feature guides, menu navigation, and troubleshooting tips.
	FIREBAT MINIPC FCC Test Report for Model AM02 This document is an FCC test report for the FIREBAT MINIPC, model AM02. It details compliance testing for EMC emissions, radiated emissions, power spectral density, bandwidth, and peak output power according to FCC CFR Title 47 Part 15 Subpart C and RSS standards, performed by Guangdong Zhonghan Testing Technology Co., Ltd.
	FCC Test Report for FIREBAT MINI PC (Model A8) - Shenzhen ZKT Technology Co., Ltd. This document is an FCC test report for the FIREBAT MINI PC, model A8, manufactured by Shenzhen Qingfen Tingxiu Information Technology Co. Ltd. Conducted by Shenzhen ZKT Technology Co., Ltd., the report details compliance testing against FCC Part 15 regulations, with a PASS result.