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› HISTTON Fanless Mini PC J4125 User Manual

HISTTON J4125

HISTTON Fanless Mini PC J4125 User Manual

Model: J4125

1. INTRODUCTION

Thank you for choosing the HISTTON Fanless Mini PC J4125. This compact and robust industrial-grade mini computer is designed for stable and efficient operation in various environments. Featuring a fanless design for silent performance and dust protection, it is equipped with an Intel Celeron J4125 processor, ample RAM, and versatile connectivity options. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Image 1.1: The HISTTON Fanless Mini PC J4125, a compact black device with a ribbed top for heat dissipation, featuring various ports on its front and back panels.

2. PACKAGE CONTENTS

Please check the box for the following items:

- 1 x HISTTON Mini PC (J4125)
- 1 x Power Adapter
- 1 x User Manual
- 1 x HDMI Cable
- 1 x VESA Mount
- 1 x Screw Set
- 1 x SATA Cable

3. PRODUCT OVERVIEW

3.1 Key Features

- **Processor:** Intel Celeron J4125 (4 Cores 4 Threads, 2.00GHz Base, 2.70GHz Turbo)
- **Graphics:** Intel UHD Graphics 600
- **Operating System:** Pre-installed Windows 11 Pro (64-bit, activated)
- **Memory:** DDR4 RAM (Single SODIMM slot, up to 32GB supported)
- **Storage:** 1x mSATA SSD slot, 1x SATA 3.0 for 2.5-inch HDD/SSD
- **Connectivity:** Dual Gigabit RJ45 LAN, Dual-band Wi-Fi (2.4G+5.0G), Bluetooth 4.0
- **Video Output:** 1x HDMI, 1x VGA (Dual display support)
- **Ports:** 2x USB 3.0, 2x USB 2.0, 2x RS232 COM, 1x 3.5mm Mic/SPK out
- **Special Features:** Fanless design, RTC wake up, Wake on LAN, Auto Power on (BIOS setting), Network boot

3.2 Front and Rear Panels



Image 3.1: Detailed view of the HISTTON Mini PC's front and rear panels, highlighting the various input/output ports including USB, COM, LAN, HDMI, and VGA.

- **Front Panel:** Power button, 2x USB 3.0 ports, 2x USB 2.0 ports, 2x RS232 COM ports (COM1, COM2),

3.5mm audio jack (Mic/SPK out).

- **Rear Panel:** DC-12V power input, 1x HDMI port, 1x VGA port, 2x Gigabit RJ45 LAN ports, Wi-Fi antenna connectors.

3.3 Internal Components and Expandability

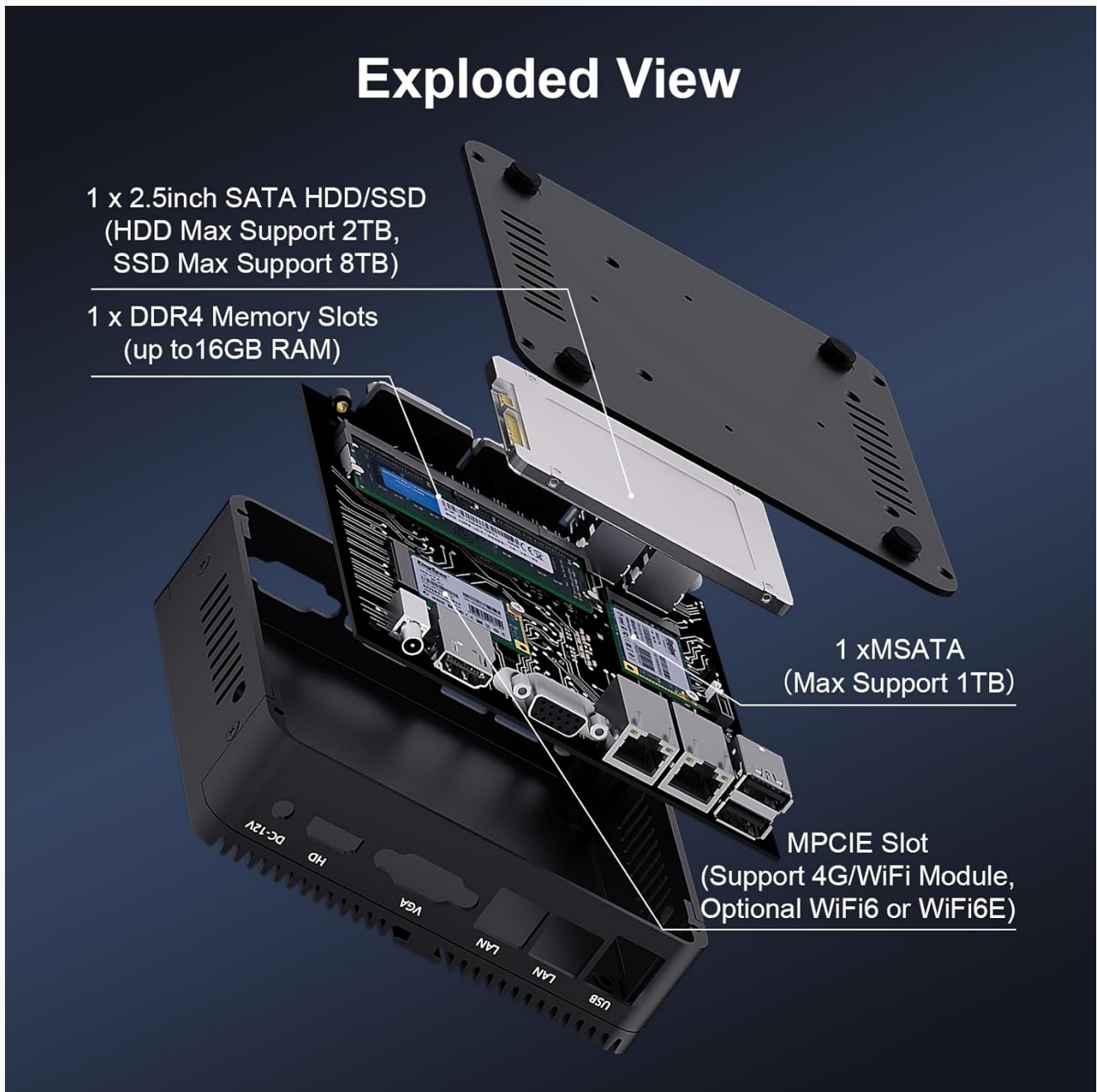


Image 3.2: An exploded view of the HISTTON Mini PC, showing the internal layout including the mSATA SSD slot, DDR4 memory slot, and space for a 2.5-inch SATA drive.

- **RAM:** Single SODIMM slot for DDR4 memory, supporting up to 32GB.
- **SSD:** 1x mSATA slot (Max Support 1TB).
- **HDD/SSD:** 1x SATA 3.0 port for a 2.5-inch HDD (Max Support 2TB) or SSD (Max Support 8TB).
- **Wireless:** MPCIE slot for 4G/WiFi module (Optional WiFi6 or WiFi6E).

4. SETUP INSTRUCTIONS

4.1 Connecting Peripherals

1. Connect your monitor(s) to the HDMI and/or VGA ports on the rear panel.
2. Connect your keyboard and mouse to the USB ports on the front panel.
3. Attach the Wi-Fi antennas to the connectors on the rear panel.
4. For wired network access, connect an Ethernet cable to one of the RJ45 LAN ports.
5. Connect the power adapter to the DC-12V input port on the rear panel, then plug it into a power outlet.

4.2 Powering On

Press the power button on the front panel to turn on the Mini PC. The power indicator light will illuminate.

4.3 VESA Mount Installation (Optional)

The Mini PC supports VESA mounting, allowing you to attach it to the back of a compatible monitor or to a wall mount. Use the provided VESA mount and screws to secure the Mini PC. Ensure the monitor's VESA holes are compatible with the mount.

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Video 4.1: An official product video demonstrating the physical features of the HISTTON Fanless Mini PC and its VESA mounting process.

5. OPERATING INSTRUCTIONS

5.1 Initial Windows Setup

Upon first boot, follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, network connection, and user account creation.

5.2 Dual Display Setup

The Mini PC supports dual display output via its HDMI and VGA ports. Connect two monitors and configure display settings within Windows (Right-click on desktop > Display settings) to extend or duplicate your desktop.

VGA +HDMI 4K UHD Dual Display

Intel UHD Graphics 600
Graphics Burst Frequency 750 MHz



Image 5.1: The HISTTON Mini PC connected to two monitors, demonstrating its dual display capability via HDMI and VGA ports.

5.3 BIOS Settings

To access the BIOS, press the **DEL** key repeatedly during startup. The BIOS allows configuration of advanced features such as:

- **RTC Wake Up:** Schedule the PC to power on at a specific time.
- **Wake on LAN:** Power on the PC remotely via a network signal.
- **Auto Power On:** Automatically power on the PC when power is restored after an outage.
- **Network Boot:** Boot the PC from a network server.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the exterior of the Mini PC with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials. As it is fanless, internal dust accumulation is minimized, but ensure the ribbed chassis remains clear of obstructions

for optimal heat dissipation.

6.2 Software Updates

Keep your Windows operating system and drivers updated to ensure optimal performance and security. Windows Update can be accessed via Settings > Windows Update.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Mini PC does not power on.	No power, faulty power adapter, loose connection.	Check power cable connection. Ensure power adapter is working. Try a different power outlet.
No display on monitor.	Loose video cable, incorrect input source on monitor, monitor off.	Ensure video cables (HDMI/VGA) are securely connected. Select correct input source on monitor. Turn on monitor.
No network connectivity.	Loose Ethernet cable, Wi-Fi disabled, driver issue.	Check Ethernet cable connection. Ensure Wi-Fi is enabled and connected to a network. Reinstall network drivers if necessary.
Slow performance.	Too many applications running, low storage space, outdated drivers.	Close unnecessary applications. Free up disk space. Update drivers and Windows.

8. SPECIFICATIONS

Feature	Detail
Brand	HISTTON
Model Number	J4125
Operating System	Windows 11 Pro
CPU Model	Celeron J4125
CPU Speed	2 GHz (up to 2.7 GHz Turbo)
Graphics Coprocessor	Intel UHD Graphics 600
RAM Memory Installed	16 GB DDR4 (Max 32GB)
Memory Storage Capacity	512 GB SSD
Hard Disk Description	HDD, SSD (1x mSATA, 1x 2.5-inch SATA)
Video Output Interface	HDMI, VGA
Connectivity Technology	Ethernet, HDMI, LAN, Wi-Fi, Bluetooth
Wireless Technology	Bluetooth 4.0, Dual-band Wi-Fi (2.4G+5.0G)

Feature	Detail
Item Dimensions	5.31 x 5 x 1.54 inches (13.5 x 12.6 x 4.0 cm)
Item Weight	0.6 Kilograms
Total USB Ports	4 (2x USB 3.0, 2x USB 2.0)
COM Ports	2x RS232
LAN Ports	2x Gigabit RJ45

9. WARRANTY AND SUPPORT

HISTTON provides customer support for your Mini PC. If you encounter any issues or have questions, please refer to the following contact methods:

- **Amazon Support:** Log in to your Amazon account, navigate to "Your Orders," and select "Ask Product Question" for assistance.
- **After-Sales Support:** For direct technical assistance, you may send an email to the HISTTON After-Sales Team at minipc_service@yeah.net.

Please retain your proof of purchase for warranty claims.
