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GEEKOM GEEKOM A5

GEEKOM A5 2026 Mini PC User Manual

Model: GEEKOM A5

1. INTRODUCTION

Thank you for choosing the GEEKOM A5 2026 Mini PC. This compact and powerful desktop computer is designed for a wide range of tasks, from office productivity and multimedia consumption to light gaming and creative projects. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

GEEKOM A5 MINI PC

POWERFUL. COMPACT. READY FOR ANYTHING



16GB RAM



1TB M.2 2280 PCIe 3.0



Quad-Display Support

IceBlast 2.0 Efficient Cooling System



Pre-installed Windows 11 Pro
Fully Linux Compatible
(Such as Ubuntu, Fedora)



Tool-Free Assembly
Anti-Slip Feet



339
Rigorous Tests



Compact Design

1.44 lb



2x USB Type C
(8K)



2x HDMI 2.0
(4K@60Hz)



Eco-friendly

WiFi 6

BT 5.2

The GEEKOM A5 Mini PC, showcasing its compact size and key specifications like 16GB RAM, 1TB SSD, and Quad-Display support.

2. SETUP

2.1 What's in the Box

- 1 x GEEKOM A5 Mini PC
- 1 x HDMI Cable
- 1 x VESA Mount

- 1 x Power Adapter
- 1 x User Guide

2.2 Connecting Your Mini PC

Connect your GEEKOM A5 Mini PC to a power source, monitor(s), and peripherals using the available ports. The device supports up to four displays for enhanced productivity.

AMD RYZEN 5 7430U

6 Cores **12** Threads **16MB** L3 Cache

AMD RADEON VEGA 7

1800MHz Graphics Frequency
7 Graphic Computing Units
15W TDP

Detailed view of the GEEKOM A5 Mini PC's front and rear connectivity ports, including USB, HDMI, and LAN.

Front Ports:

- 2 x USB 3.2 Gen 2 Type-A ports (one with charging support)
- 1 x 3.5mm Headphone Jack
- Power Button

Rear Ports:

- 3 x USB 3.2 Gen 2 ports (1 Type-A, 2 Type-C with DisplayPort support)
- 1 x USB 2.0 Type-A port
- 2 x HDMI 2.0 ports
- 1 x 2.5G RJ45 LAN Port
- DC Jack (Power Input)

Side Ports:

- 1 x SD Card Reader

2.3 First Boot

Upon first power-on, follow the on-screen instructions to complete the Windows 11 Pro setup. Ensure you have an internet connection for updates and driver installations.

Limitless Expansion, Boundless Freedom



1TB M.2 2280 PCIe Gen4*4 SSD (Up to 4TB)

Ours: New materials, upgradeable, high-speed

Others: Recycled materials, non-upgradeable, shorter lifespan





M.2 2242 SATAIII SSD Slot
Expandable up to 2TB



2.5" 7mm SATA HDD Slot
Expandable up to 4TB

Illustrations demonstrating the compact size of the GEEKOM A5 Mini PC, its ability to be VESA mounted behind a monitor, and its portability.

3. OPERATING YOUR GEEKOM A5

3.1 Performance Overview

The GEEKOM A5 is powered by an AMD Ryzen 5 7430U processor with AMD Radeon Vega 7 Graphics, 16GB of DDR4 RAM, and a 1TB NVMe SSD. This configuration provides efficient performance for daily computing tasks, including:

- Office applications and video conferencing
- 4K video streaming
- Light creative projects and photo editing
- Casual gaming (e.g., League of Legends, DOTA 2, Minecraft)

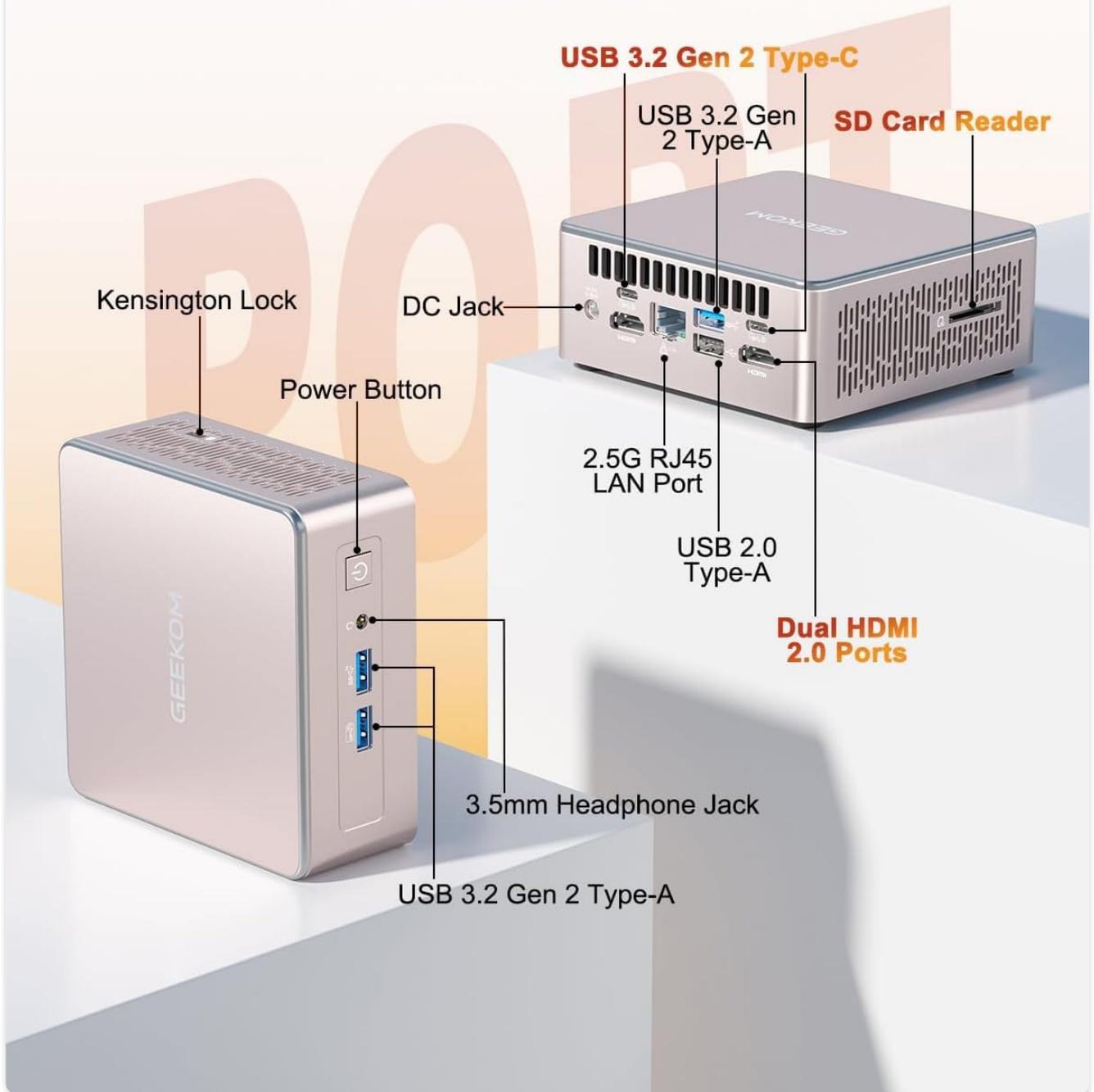


Close-up of the AMD Ryzen 5 7430U processor, the core of the GEEKOM A5 Mini PC.

3.2 Multi-Display Setup

The GEEKOM A5 supports up to four displays simultaneously, with resolutions up to 8K via the USB 3.2 Gen 2 Type-C ports and 4K@60Hz via the HDMI 2.0 ports. This allows for an expansive workspace for multitasking.

Connect Everything You Need



The GEEKOM A5 Mini PC supporting a quad-display setup, demonstrating its capability for multitasking across multiple screens.

3.3 Connectivity

Enjoy fast and stable wireless connections with Wi-Fi 6, offering speeds up to 3 times faster than Wi-Fi 5. Bluetooth 5.2 ensures quick and reliable pairing with your wireless accessories.

Windows 11 Pro pre-installed

It works seamlessly out of the box and supports free switching between Linux and Ubuntu operating systems.



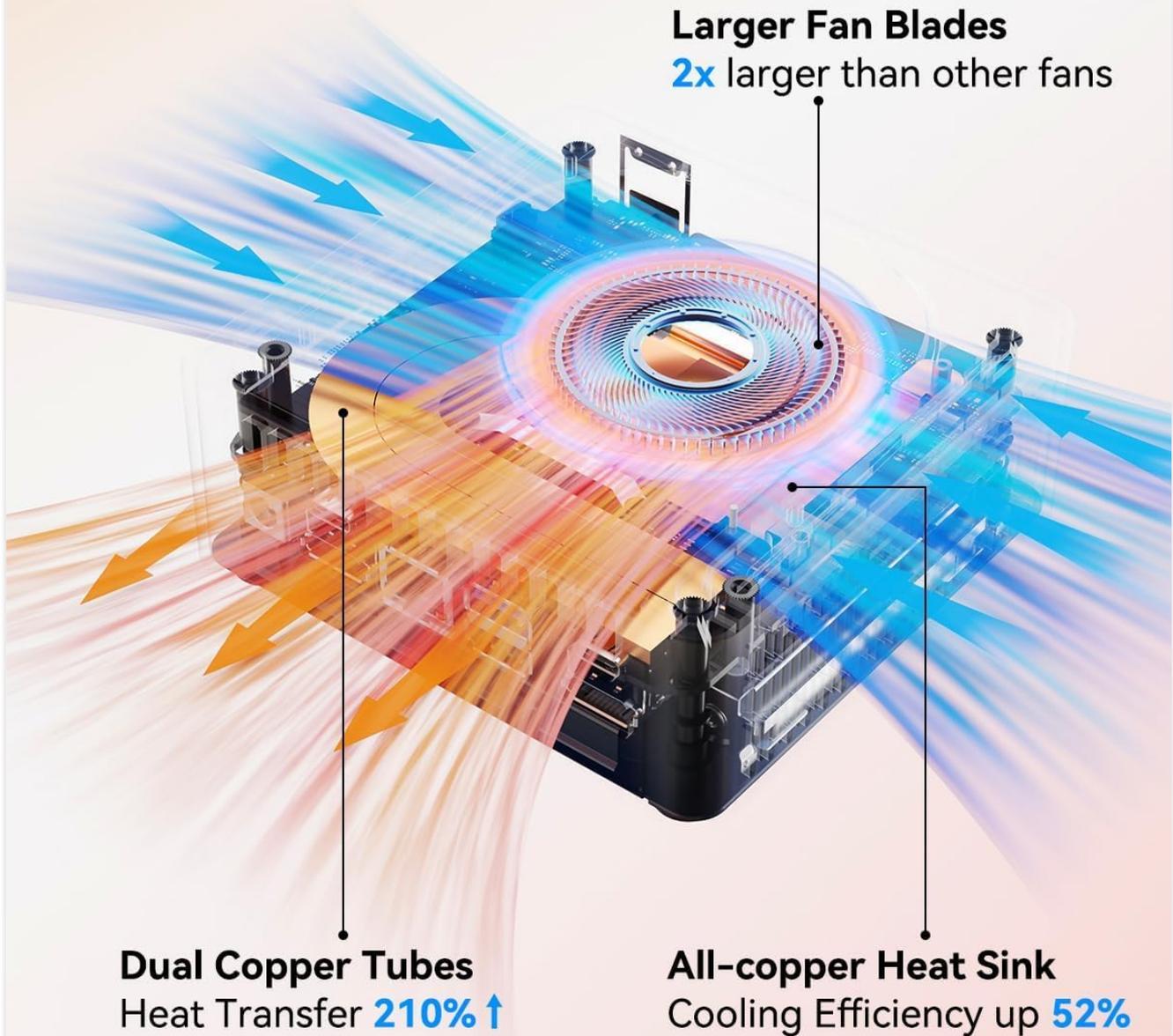
The GEEKOM A5 Mini PC featuring stable networking with Bluetooth 5.2 and Wi-Fi 6, supported by a 3D stereo antenna.

3.4 Operating System

The GEEKOM A5 comes with Windows 11 Pro pre-installed, offering a secure and user-friendly experience. It also supports various Linux distributions, providing flexibility for advanced users.

IceBlast 2.0 Efficiency Cooling

More rational intake/exhaust design, Larger Fan Blades, full copper heatsink effectively reduce internal temperatures, maintaining high PC performance.



The GEEKOM A5 Mini PC with Windows 11 Pro pre-installed, also indicating support for Linux operating systems like Ubuntu.

4. MAINTENANCE AND UPGRADES

4.1 Storage Expansion

The GEEKOM A5 offers flexible storage options:

- 1TB PCIe NVMe SSD (upgradable to 4TB)
- Additional M.2 2242 slot

- 2.5" HDD bay for up to 2TB total storage

Ultra-small Size & Refined Design

Save space and make your workspace look even nicer!



Normal placement



Hidden Behind Screen



Easy to carry

Internal view of the GEEKOM A5 Mini PC, highlighting the M.2 2280 PCIe Gen4*4 SSD slot, M.2 2242 SATAIII SSD slot, and 2.5 inch SATA HDD slot for storage expansion.

4.2 Memory Upgradability

The 16GB DDR4 RAM is upgradable to 64GB, providing ample memory for demanding applications and multitasking. The use of standard DDR4 RAM offers greater flexibility and value compared to soldered LPDDR solutions.

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This video explains the benefits of the GEEKOM A5's 16GB DDR4 RAM and 1TB NVMe SSD configuration, highlighting its balance for performance and cost-effectiveness.

4.3 Cooling System

The GEEKOM A5 features the IceBlast 2.0 Efficient Cooling System, designed with larger fan blades, dual copper tubes, and a full copper heatsink. This advanced cooling solution effectively reduces internal temperatures, maintaining high performance without thermal throttling.

Quad-Display Power Up to 8K

2 x USB 3.2 Gen 2 Type C
(8K)

2 x HDMI 2.0
(4K@60Hz)



An internal diagram illustrating the IceBlast 2.0 cooling system of the GEEKOM A5, highlighting larger fan blades and dual copper tubes for efficient heat dissipation.

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This video showcases the GEEKOM IceBlast Improved Cooling System, detailing its design for efficient heat management and sustained performance.

4.4 Durability

The A5 mini computer is engineered with a 3x-reinforced ABS+PC shell, a strategically placed metal mid-frame, and a baseplate. This construction ensures optimal strength-to-cooling balance and durability, complemented by vibration-damping

feet and a 3D antenna.

Experience Stable Networking

360-degree WiFi signal coverage without electromagnetic interference provides a more stable network!



**3D Stereo
Antenna**

Bluetooth 5.2

WiFi 6

An exploded view of the GEEKOM A5 Mini PC, showing its reinforced ABS housing, metal inner frame, silent fan, heat sinks, motherboard, and M.2 NVMe PCIe 3.0 SSD.

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This video demonstrates GEEKOM's rigorous quality validation process, including various tests to ensure product durability and reliability.

5. TROUBLESHOOTING

If you encounter any issues with your GEEKOM A5 Mini PC, please consider the following basic troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- **No Display:** Verify that your monitor(s) are correctly connected to the HDMI or USB-C (DisplayPort) outputs and are set to the correct input source. Try different cables or monitors if possible.
- **Peripheral Issues:** Check USB connections for keyboards, mice, and other peripherals. Try connecting them to different USB ports.
- **Network Connectivity:** For Wi-Fi issues, ensure your router is working and the Mini PC is within range. For wired connections, check the Ethernet cable and router status.
- **System Unresponsive:** Perform a hard reboot by holding down the power button for 5-10 seconds until the device powers off, then restart.

For more complex issues, refer to the official GEEKOM support resources or contact customer service.

6. SPECIFICATIONS

Feature	Specification
Processor	AMD Ryzen 5 7430U (4.3 GHz Max Boost Clock)
Graphics	AMD Radeon Vega 7 Graphics
RAM	16 GB DDR4 (Upgradable to 64 GB)
Storage	1 TB NVMe SSD (Upgradable to 4 TB), M.2 2242 slot, 2.5" HDD bay
Operating System	Windows 11 Pro
Max Screen Resolution	7680 x 4320 Pixels (8K via Type-C)
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth 5.2
USB Ports	5 x USB 3.2 Gen 2 (3 Type-A, 2 Type-C), 1 x USB 2.0 Type-A
Video Output	2 x HDMI 2.0, 2 x USB 3.2 Gen 2 Type-C (DisplayPort)
LAN	2.5G RJ45 Ethernet
Card Reader	SD Card Reader
Item Weight	3.47 pounds
Dimensions	4.6 x 4.4 x 1.9 inches
Color	Rose Gold

7. WARRANTY AND SUPPORT

GEEKOM offers a **3-year warranty** for the A5 Mini PC, reflecting confidence in its materials and build quality. Your purchase is also secured with a **30-day return policy**.

7.1 Customer Support

For any questions, concerns, or assistance, please contact the dedicated GEEKOM after-sales team:

- **Find the Seller on Amazon:** Log in to your Amazon buyer's account, find your order, and click "Get help" for product

assistance.

- **Email Support:** Send an email to shirley.li@geekom.tw. The support team will respond promptly.

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This video compares the energy consumption of the GEEKOM A5 Mini PC with other systems, illustrating its eco-friendly and low-power features.