

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [GEEKOM](#) /

› [GEEKOM A5 Mini PC User Manual - AMD Ryzen 7 5825U Desktop Computer](#)

GEEKOM GEEKOM A5

GEEKOM A5 Mini PC User Manual

MODEL: GEEKOM A5 WITH AMD RYZEN 7 5825U

Brand: GEEKOM

1. Introduction

Thank you for choosing the GEEKOM A5 Mini PC. This compact yet powerful desktop computer is designed for a wide range of tasks, from daily office work and multimedia consumption to professional workloads like photo editing and coding. It features an AMD Ryzen 7 5825U processor, 16GB of RAM (upgradable to 64GB), a 1TB NVMe SSD, and comes pre-installed with Windows 11 Pro. This manual provides essential information for setting up, operating, and maintaining your GEEKOM A5 Mini PC.



Image: The GEEKOM A5 Mini PC, showcasing its compact design and rose gold finish.

2. 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

3. Product Overview (Ports and Features)

The GEEKOM A5 Mini PC offers a comprehensive set of ports for versatile connectivity.

Comparison of Coverage and Support



Brand	Service Coverage	Support Team
GEEKOM	1. 3 Years of Service Coverage	2. Friendly and Responsive Local Team 3. Reliable Ongoing Support
OTHER BRANDS	1. Only 1 Year of Coverage	2. Slow Response from Remote Team

Image: Detailed view of the GEEKOM A5 Mini PC's front and rear ports.

Front Ports:

- 2 x USB 3.2 Gen 2 Type-A ports
- 1 x 3.5mm Headphone Jack
- Power Button

Rear Ports:

- 2 x USB 3.2 Gen 2 Type-C ports (8K output capable)
- 2 x HDMI 2.0 ports (4K@60Hz output capable)
- 1 x 2.5G RJ45 LAN Port
- 1 x DC Jack (Power Input)
- 1 x Kensington Lock Slot
- SD Card Reader (Side)

4. Setup Guide

Follow these steps to set up your GEEKOM A5 Mini PC:

1. **Connect Peripherals:** Connect your monitor(s) to the HDMI or USB-C ports. Connect your keyboard and mouse to the available USB-A ports.
2. **Network Connection:** For wired internet, connect an Ethernet cable to the RJ45 LAN port. For wireless internet, ensure your Wi-Fi network is available during initial setup.
3. **Power On:** Connect the power adapter to the DC Jack and plug it into a power outlet. Press the power button on the front of the Mini PC.
4. **Initial Setup:** Follow the on-screen instructions to complete the Windows 11 Pro setup. This includes selecting your language, region, and setting up your user account.
5. **VESA Mount Installation (Optional):** Use the included VESA mount to attach your Mini PC to the back of a compatible monitor or to a wall for a clutter-free workspace.

Quad-Display Power Up to 8K

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

2 x HDMI 2.0
(4K@60Hz)



Image: The GEEKOM A5 Mini PC shown with its VESA mount for discreet installation behind a monitor.

5. Operating Instructions

Multi-Display Setup:

The GEEKOM A5 supports up to four displays simultaneously, with two HDMI 2.0 ports (4K@60Hz) and two USB-C ports (8K output). Connect your monitors to the available ports and configure display settings in

Windows 11 Pro (Right-click desktop > Display settings).



Image: A multi-monitor setup powered by the GEEKOM A5, demonstrating its quad-display capability.

Network Connectivity:

- **Wi-Fi 6:** Enjoy ultra-stable and fast wireless connections for streaming, video calls, and large file transfers.
- **Bluetooth 5.2:** Easily pair wireless headphones, keyboards, mice, and other Bluetooth-enabled devices with low latency.
- **2.5G Ethernet:** For the most reliable and fastest wired network connection.

Limitless Expansion, Boundless Freedom

 <p>Ours: New materials, upgradeable, high-speed</p> <p>Others: Recycled materials, non-upgradeable, shorter lifespan</p> 	 <p>1TB M.2 2280 PCIe Gen4*4 SSD (Up to 4TB)</p>	 <p>M.2 2242 SATAIII SSD Slot Expandable up to 2TB</p>
		 <p>2.5" 7mm SATA HDD Slot Expandable up to 4TB</p>

Image: The GEEKOM A5 Mini PC emphasizing its advanced Wi-Fi 6 and Bluetooth 5.2 capabilities for stable networking.

Operating System:

The GEEKOM A5 comes pre-installed with Windows 11 Pro, offering a secure and versatile computing experience. It also supports other operating systems like Linux and Ubuntu, providing flexibility for advanced users.

Small Size & Great Intelligence

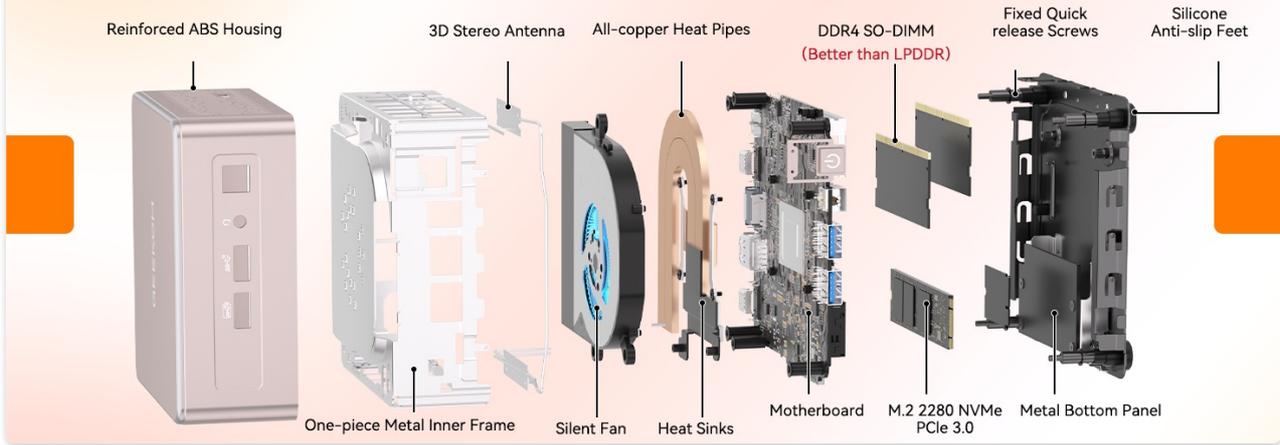


Image: The GEEKOM A5 Mini PC displaying Windows 11 Pro, with icons for Linux and Ubuntu, indicating OS versatility.

6. Storage and Memory Upgrades

The GEEKOM A5 is equipped with 16GB of DDR4 RAM and a 1TB PCIe NVMe SSD, providing excellent performance and storage out of the box. For future expansion, the device supports:

- RAM upgradeable up to 64GB (DDR4 SO-DIMM)
- An additional M.2 2242 SATAIII SSD slot (up to 1TB)
- A 2.5" SATA HDD bay (up to 2TB)

These options allow for significant storage and memory upgrades to meet evolving needs without soldered limits.

The Perfect Sweet Spot of RAM and SSD

16GB + 1TB
The Perfect Sweet Spot

Unlocks Full CPU Power

Best Cost-effectiveness

Massive SSD capacity for 5+ years of use

The Perfect Balance

R5 AMD R5-7430U

R7 AMD R7-5825U
AMD R7-6800
AMD R7-8745HS

R9 AMD R9-7940HS

i9 Intel Core i9-13900HK

U9 Intel Core U9-185H

Image: An exploded view of the GEEKOM A5 Mini PC, highlighting its internal components and upgradeable RAM and SSD slots.

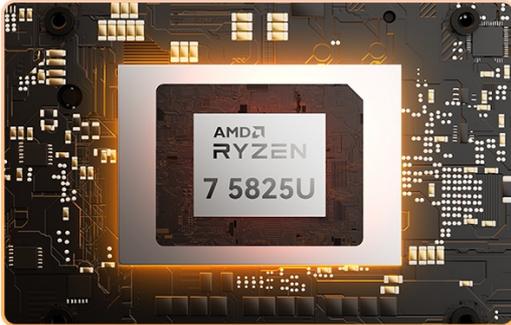
Your browser does not support the video tag.

Video: This video explains why the 16GB RAM and 1TB SSD configuration is an optimal value sweet spot, emphasizing its upgrade-ready design.

7. Cooling System (IceBlast 2.0)

The GEEKOM A5 features the self-developed IceBlast 2.0 Cooling System, designed for optimal thermal management. This system includes larger fan blades, dual copper tubes, and an all-copper heat sink to effectively reduce internal temperatures and maintain high performance without throttling.

AMD Ryzen 7 5825U



Efficient Performance
Operating at a clockspeed of 2.0 GHz with a turbo speed up to 4.5 GHz, the Ryzen 7 5825U delivers impressive performance for everyday computing and multitasking.

8 Cores **16 Threads**
16MB L3 Cache
Boost max **4.5 GHz**
Zen 3 Architecture

Image: A visual representation of the IceBlast 2.0 cooling system, detailing its components and airflow for efficient heat dissipation.

Your browser does not support the video tag.

Video: This video demonstrates the improved cooling system of GEEKOM Mini PCs, highlighting its efficiency in maintaining performance.

8. Maintenance

To ensure the longevity and optimal performance of your GEEKOM A5 Mini PC, consider the following maintenance tips:

- **Keep Clean:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Ensure ventilation grilles are free from dust and obstructions.
- **Software Updates:** Keep your Windows 11 Pro operating system and drivers updated to ensure security and performance.
- **Proper Shutdown:** Always shut down your Mini PC properly through the operating system to prevent data corruption.
- **Avoid Extreme Conditions:** Do not expose the Mini PC to extreme temperatures, humidity, or direct sunlight.

9. Troubleshooting

If you encounter issues with your GEEKOM A5 Mini PC, refer to the following common troubleshooting steps:

- **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 or USB-C cables are securely connected to both the Mini PC and the monitor. Ensure the monitor is powered on and set to the correct input source.
- **Network Connectivity Issues:** For Wi-Fi, check your router and ensure the Wi-Fi adapter is enabled in Windows settings. For wired connections, ensure the Ethernet cable is properly connected and your router is functioning.
- **Slow Performance:** Close unnecessary applications, check for background processes, and ensure your system has sufficient free storage space. Consider upgrading RAM or SSD if performance issues persist.
- **Peripheral Not Detected:** Try connecting the peripheral to a different USB port. Ensure drivers are installed if required.

If problems persist, please contact GEEKOM customer support.

10. Specifications

Brand	GEEKOM
Model Name	GEEKOM A5
Operating System	Windows 11 Pro
CPU Model	AMD Ryzen 7 5825U (8 cores/16 threads, up to 4.5GHz)
Graphics Coprocessor	AMD Radeon RX Vega 8
RAM Memory Installed	16 GB DDR4 (Upgradable to 64GB)
Hard Disk Description	1 TB NVMe SSD (PCIe x 4)
Video Output Interface	2x HDMI (4K), 2x USB-C (8K) - Supports 4 displays
Wireless Connectivity	Wi-Fi 6, Bluetooth 5.2
LAN Port	2.5G RJ45 Ethernet
Item Dimensions	8.94 x 6.92 x 5.27 inches
Item Weight	1.58 Kilograms
Cooling Method	Air (GEEKOM's self-developed IceBlast 2.0 Cooling System)
Additional Features	SD Card Reader, Kingston Lock, VESA Mount

11. Warranty and Support

GEEKOM stands by the quality of its products. The GEEKOM A5 Mini PC comes with a **3-year warranty**, reflecting confidence in its materials, build quality, and manufacturing standards.

Your browser does not support the video tag.

Video: This video details GEEKOM's rigorous quality validation process, ensuring product reliability and durability.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact the GEEKOM US Store directly. You can typically find seller contact information through your Amazon order history or by visiting the GEEKOM official website.

- **Online Support:** Visit the GEEKOM US Store on Amazon or the official GEEKOM website for FAQs and support resources.
- **Email Support:** Contact the After-sales Team via email for assistance.