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## GMKtec G5 12GB 256GB

# GMKtec N97 Mini PC G5 User Manual

Model: G5 12GB 256GB

## INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your GMKtec N97 Mini PC G5. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

## PRODUCT OVERVIEW

The GMKtec N97 Mini PC G5 is a compact and powerful mini computer designed for various applications, including business, office, entertainment, and education. It features the Intel Alder Lake N97 processor, 12GB DDR5 RAM, and a 256GB SSD.



Figure 1: The GMKtec N97 Mini PC G5, highlighting its small form factor.

## Key Features:

- **Processor:** Intel Alder Lake N97 (12th Gen, 4C/4T, up to 3.6 GHz)
- **Graphics:** Intel UHD Graphics 24 EU 1.20 GHz
- **Memory:** 12GB DDR5 RAM (onboard)
- **Storage:** 256GB SSD (expandable up to 2TB)
- **Operating System:** Pre-installed Windows 11 Pro (supports Linux, Ubuntu, Windows 10 Pro)
- **Connectivity:** Dual HDMI 4K@60Hz output, 3x USB 3.2, 1x Gigabit Ethernet, 1x 3.5mm Audio Jack, 1x Micro SD card slot, Type-C power input.
- **Wireless:** Built-in Dual Band WiFi, Bluetooth 4.2
- **Design:** Pocket-friendly, lightweight (206 grams), quiet fan operation.

## Alder Lake N97



# OS



**256GB**  
Hard Drive(Max 2TB)



**12GB**  
DDR5(On board)

## Micro SD Support (Max. 512GB)



**WIFI5**



**Bluetooth 4.2**



**1000M LAN**  
RJ45 GIGABIT NETWORK

## DUAL DISPLAY HDMI\*2



## INTEL UHD GRAPHICS 1200 MHZ



Figure 2: Overview of the GMKtec N97 Mini PC G5's core specifications and features.

## SETUP GUIDE

Follow these steps to set up your GMKtec N97 Mini PC G5.

### 1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items are present:

- GMKtec Nucbox G5 Mini PC
- Type-C Power Supply
- HDMI Cable
- User Manual

# RETAIL BOXED PACKAGING

1. Nucbox G5 Mini PC
2. Type-C Power Supply
3. User Manual



Figure 3: Contents of the GMKtec Nucbox G5 retail packaging.

## 2. Connecting Peripherals

Connect your monitor, keyboard, and mouse to the Mini PC.

1. **Connect Display:** Use the provided HDMI cable to connect your monitor(s) to the HDMI ports on the Mini PC. The G5 supports dual 4K displays.
2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into the available USB 3.2 ports.
3. **Connect Network (Optional):** For a wired internet connection, connect an Ethernet cable to the Gigabit Ethernet port. Alternatively, you can use the built-in Wi-Fi.
4. **Connect Power:** Plug the Type-C power supply into the designated power input port on the Mini PC, then connect the adapter to a power outlet.

# RICH INTERFACE

For Business, Office, Gaming, Home

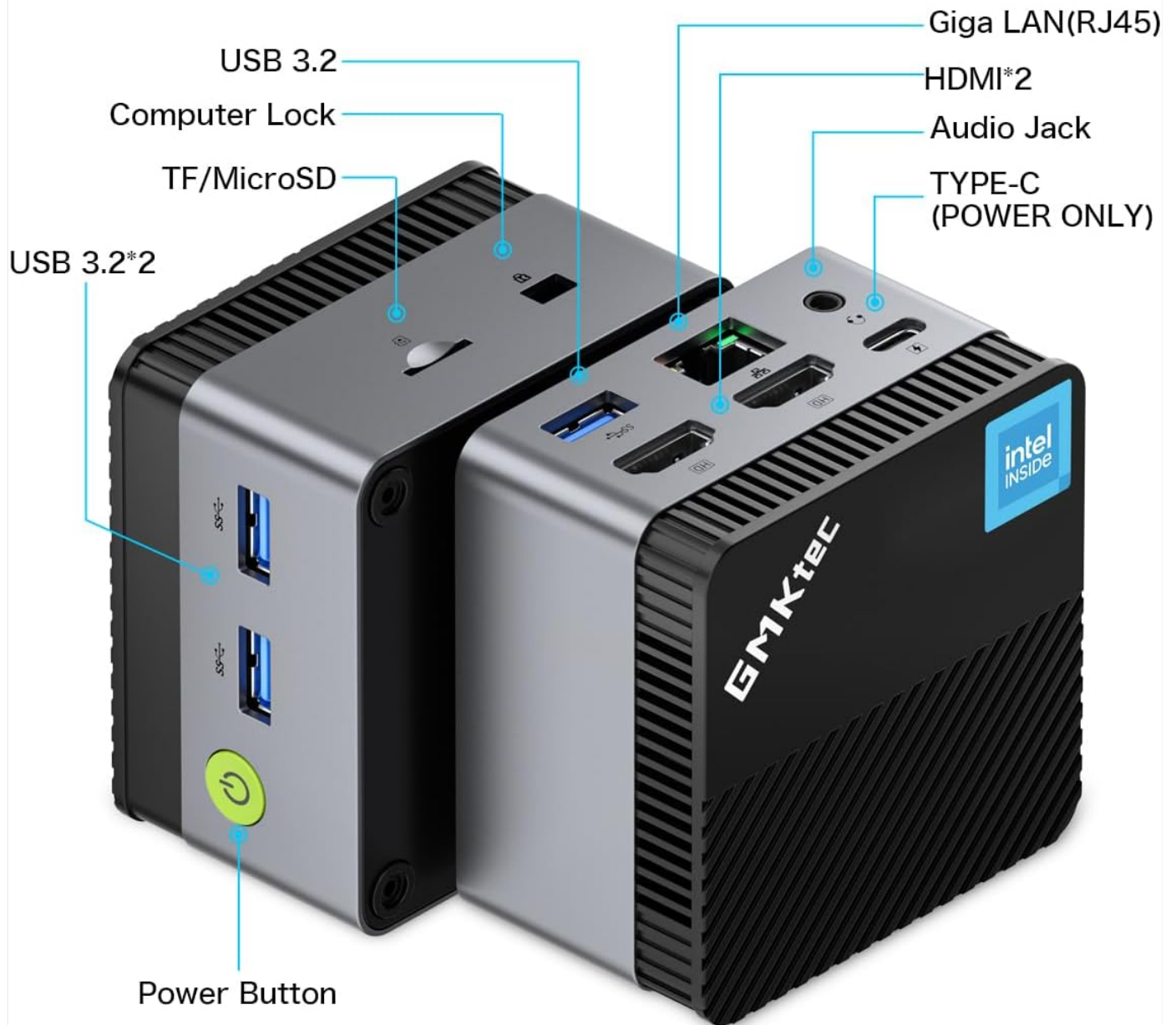




Figure 4: Detailed view of the rich interface ports on the Mini PC G5.



Figure 5: The Mini PC G5 connected to a wired network, showcasing its connectivity options.

### 3. First Boot

Press the power button located on the front of the Mini PC. The system will boot up and guide you through the initial Windows 11 Pro setup process. Follow the on-screen prompts to configure your language, region, network, and user account.

## OPERATING INSTRUCTIONS

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### Power On/Off

- **Power On:** Press the power button once.
- **Shut Down:** From Windows, go to Start > Power > Shut down. Alternatively, press and hold the power button for 4 seconds to force a shutdown (use only when necessary).
- **Restart:** From Windows, go to Start > Power > Restart.
- **Sleep:** From Windows, go to Start > Power > Sleep.

### BIOS Settings

To access the BIOS settings, press the **DEL** key repeatedly during startup. In the BIOS, you can configure settings such as Auto Power On and Wake on LAN.

### Connecting Multiple Displays

The GMKtec N97 Mini PC G5 supports up to two 4K displays simultaneously via its dual HDMI ports. This allows for an expanded workspace and enhanced productivity.

# DUAL HDMI 4K DISPLAY

Hook up to two Monitors/Screens at the same time!



Figure 6: Dual 4K display setup with the Mini PC G5.

## Storage Expansion

The internal 256GB SSD can be upgraded to a larger M.2 2242 SATA SSD, up to 2TB. Additionally, the Micro SD card slot supports expansion up to 512GB for additional storage.

## MAINTENANCE



Regular maintenance helps ensure the longevity and optimal performance of your Mini PC.

### Cleaning

- Keep the Mini PC in a clean, dust-free environment.
- Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- Ensure ventilation openings are clear of obstructions to prevent overheating.

### Software Updates

Regularly update your operating system and drivers to ensure system stability, security, and performance. Windows 11 Pro will prompt you for updates.

### Storage Management

Periodically check your storage usage and delete unnecessary files to free up space. Consider using external storage or cloud services for large files.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your GMKtec N97 Mini PC G5.

Problem	Possible Cause	Solution
No power / System does not turn on	Power adapter not connected or faulty; Power outlet issue.	Ensure the Type-C power adapter is securely connected to the Mini PC and a working power outlet. Try a different outlet.
No display on monitor	HDMI cable loose or faulty; Incorrect input selected on monitor.	Check HDMI cable connections. Ensure your monitor is set to the correct input source (e.g., HDMI 1, HDMI 2). Try a different HDMI cable or monitor.
No internet connection (wired)	Ethernet cable loose or faulty; Router/modem issue.	Check Ethernet cable connection. Restart your router/modem. Verify network settings in Windows.
No Wi-Fi connection	Wi-Fi disabled; Incorrect password; Router issue.	Ensure Wi-Fi is enabled in Windows settings. Re-enter Wi-Fi password. Restart your router.
System running slow	Too many applications running; Low storage space; Outdated drivers.	Close unnecessary applications. Free up disk space. Update Windows and drivers.
Fan noise is loud	High CPU usage; Dust accumulation in vents.	Reduce CPU load by closing demanding applications. Ensure vents are clear. If persistent, contact support.

## SPECIFICATIONS

Detailed technical specifications for the GMKtec N97 Mini PC G5.

- Brand:** GMKtec
- Model Number:** G5 12GB 256GB
- Series:** Nucbox G5
- Color:** Black 12+256
- Operating System:** Windows 11 Pro (supports Linux, Ubuntu, Windows 10 Pro)
- Hardware Platform:** PC

**Processor Brand:** Intel

**Processor Type:** Mobile CPU (Intel Alder Lake N97)

**Processor Speed:** 3.6 GHz (Burst Frequency)

**Number of Cores:** 4 (4C/4T)

**RAM:** 12 GB DDR5 (onboard)

**Hard Drive Size:** 256 GB SSD (M.2 2242 SATA, expandable up to 2TB)

**Graphics Chipset Brand:** Intel

**Graphics Card Description:** Integrated (Intel UHD Graphics 24 EU 1.20 GHz)

**Display Resolution:** 4096 x 2160 (4K @ 60Hz)

**Connectivity:** Bluetooth, Wi-Fi (802.11a/b/g/n/ac)

**Hardware Interface:** Ethernet, PCIe x 16

**HDMI Ports:** 2

**USB 3.0 Ports:** 3

**Other Ports:** 3.5mm Audio Jack, Micro SD card slot, Type-C (Power Only)

**Special Features:** Mini PC, Quiet Fan

**Dimensions:** 7.2 x 7.2 x 4.4 cm (approx. 2.83 x 2.83 x 1.75 inches)

**Weight:** 206 grams (approx.)

# MICRO SIZE, SMALL BUT POWERFUL

Pocket-Friendly Portable Design  
Lightweight 206 grams



**60%** 60% Smaller than  
Mainstream Mini PC



7.2\*7.2\*4.4CM  
2.83\*2.83\*1.75 inch



Smaller than  
Mainstream Mini PC

Figure 7: The compact dimensions and portability of the Mini PC G5.

## WARRANTY AND SUPPORT

GMKtec provides comprehensive support for your Mini PC.

- **Warranty:** GMKtec offers a 1-year warranty for each Mini PC from the date of purchase, covering design and manufacturing defects.
- **Amazon Support:** For assistance, you can contact Amazon Support by logging into your Amazon account,

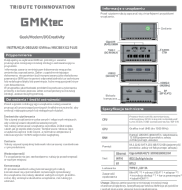



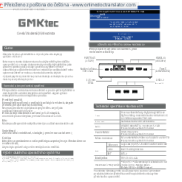
navigating to "Your Orders," and selecting "Ask Product Question."

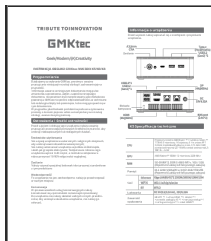
- **After-Sales Support:** For direct technical support, you can send an email to the GMKtec After-Sales Team at [support@gmktec.com](mailto:support@gmktec.com). 24/7 customer support is available.



Figure 8: GMKtec Warranty and Support contact information.

Related Documents - G5 12GB 256GB

	<p><a href="#">GMKtec NUCBOX G2 PLUS User Manual and Safety Information</a></p> <p>Comprehensive user manual for the GMKtec NUCBOX G2 PLUS mini PC, covering setup, specifications, safety precautions, and warranty information. Includes detailed descriptions of hardware interfaces and operational guidelines.</p>
	<p><a href="#">GMKtec NUCBOX G1 Mini PC User Manual - Setup, Specifications, and Support</a></p> <p>Comprehensive user manual for the GMKtec NUCBOX G1 Mini PC, covering setup, safety, technical specifications, connection steps, warranty, and after-service information.</p>
	<p><a href="#">GMKtec NUCBOX G5 User Manual and Specifications</a></p> <p>This document provides a user manual, specifications, and setup guide for the GMKtec NUCBOX G5 Mini PC. It covers safety precautions, device interfaces, technical specifications, connection steps, and basic settings.</p>
	<p><a href="#">Návod k obsluze GMKtec NUCBOX G3: Specifikace a Bezpečnostní Pokyny</a></p> <p>Kompletní uživatelský manuál pro GMKtec NUCBOX G3 mini PC. Obsahuje informace o specifikacích, připojení, bezpečnosti, údržbě a záruce produktu.</p>
	<p><a href="#">GMKtec Mini PC User Manual &amp; Specifications: NUCBOX G9, K10, M6 Series</a></p> <p>Comprehensive user manual and technical specifications for GMKtec Mini PCs, including models like NUCBOX G9, K10, and M6. Covers setup, hardware details, safety guidelines, and compliance information.</p>



### [Instrukcja Obsługi GMKtec NUCBOX K5/K6/K8](#)

Szczegółowa instrukcja obsługi dla komputerów mini PC GMKtec NUCBOX K5, K6 i K8, zawierająca informacje o konfiguracji, specyfikacjach technicznych, bezpieczeństwie, konserwacji i zgodności.