

[manuals.plus](#) /

› [GMKtec](#) /

› [GMKtec G3 Plus Mini PC User Manual](#)

GMKtec G3 Plus

GMKtec G3 Plus Mini PC User Manual

Model: G3 Plus

INTRODUCTION

Welcome to your new GMKtec G3 Plus Mini PC. This compact and powerful device is designed for a wide range of applications, including office work, home entertainment, and light server tasks. Featuring an Intel N150 processor, ample RAM, and fast SSD storage, it provides a smooth and efficient computing experience.



Image: The GMKtec G3 Plus Mini PC, highlighting its small form factor and modern aesthetic.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- Nucbox G3 Plus Mini PC
- Power Adapter & Cable
- User Manual (this document)
- HDMI Cable
- VESA Mount with Screws
- Warranty Card

RETAIL BOXED PACKAGING

1. Nucbox G3 Plus Mini PC

2.Power Adapter & Cable

3.User Manual

4.HDMI Cable

5.VESA Mount with Screws

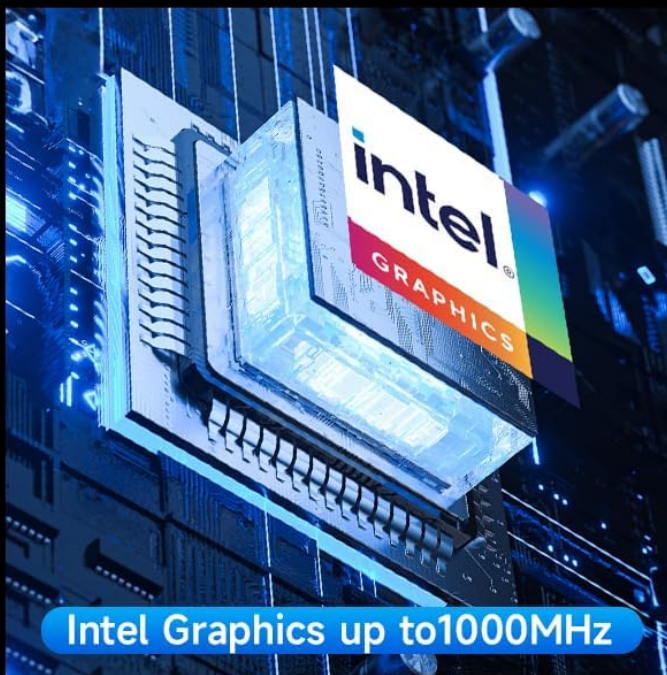
6.Warranty Card



Image: All components included in the GMKtec G3 Plus Mini PC retail packaging.

PRODUCT OVERVIEW

Familiarize yourself with the ports and components of your GMKtec G3 Plus Mini PC:

GMKtec**Nucbox G3 Plus****intel N150****Windows 11 Pro****Additional Function**

1. Auto Power On
2. Wake On LAN
3. Compatible with Linux, Win 10, Ubuntu

Image: Detailed view of the GMKtec G3 Plus Mini PC's front and rear ports.

Front Panel:

- **Power Button:** To turn the device on or off.
- **USB 3.2 Ports (x2):** For connecting high-speed USB devices.

Rear Panel:

- **HDMI 2.0 Ports (x2):** For connecting displays, supporting 4K@60Hz output.
- **USB 3.2 Ports (x2):** Additional high-speed USB ports.
- **RJ45 2.5G Gigabit Ethernet Port:** For wired network connection.
- **3.5mm Audio Jack:** For headphones or speakers.
- **DC-IN Port:** For connecting the power adapter.

SETUP GUIDE

Follow these steps to set up your GMKtec G3 Plus Mini PC:

1. **Connect Power:** Plug the power adapter into the DC-IN port on the Mini PC, then connect it to a power outlet.
2. **Connect Display:** Use the provided HDMI cable to connect your monitor or TV to one of the HDMI ports on the Mini PC. For dual display, connect a second monitor to the other HDMI port.
3. **Connect Peripherals:** Plug in your USB keyboard, mouse, and any other USB devices into the available USB 3.2 ports.
4. **Connect to Network (Optional):** For a wired connection, connect an Ethernet cable from your router or modem to the RJ45 port on the Mini PC. For Wi-Fi, you will configure it during the initial Windows setup.
5. **Power On:** Press the power button on the front of the Mini PC. The power indicator light will illuminate.

SUPER SPEED WI-FI 6

Tap into faster WiFi speeds with Dual-Band WiFi6 2*2 2400Mbps

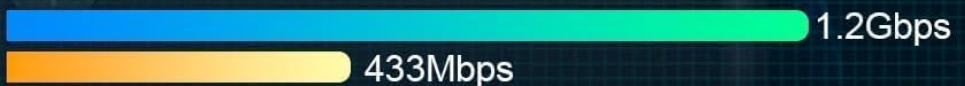


3 TIMES FASTER THAN WIFI5

Wi-Fi 6

Wi-Fi 5

Higher Bandwidth



Lower Latency



Higher Coverage



Image: The Mini PC supporting a dual 4K UHD display setup.

OPERATING INSTRUCTIONS

Initial Boot and Windows 11 Pro

Upon the first power-on, your Mini PC will guide you through the Windows 11 Pro initial setup process. Follow the on-screen instructions to configure your region, language, network, and user account.

Dual Display Setup

The GMKtec G3 Plus supports dual 4K@60Hz displays, allowing for extended desktop space and enhanced productivity. Once both monitors are connected via HDMI, Windows will automatically detect them. You can configure display settings (extend, duplicate, primary display) via the Display Settings in Windows.

Network Connectivity

Your Mini PC offers versatile network options:

- **Wi-Fi 6:** For high-speed wireless internet, connect to your Wi-Fi network through Windows network settings. Wi-Fi 6 provides faster speeds and lower latency compared to previous generations.
- **2.5G Gigabit Ethernet:** For a stable and ultra-fast wired connection, plug an Ethernet cable into the RJ45 port. This offers 2.5 times the speed of standard Gigabit Ethernet.

2.5G HIGH SPEED ETHERNET

RJ45 GIGABIT NETWORK

Read-write Speed



Transmission Speed

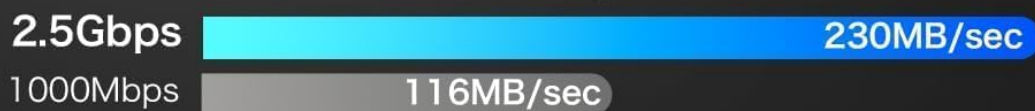


Image: Benefits of Super Speed Wi-Fi 6 and Bluetooth 5.2.

DUAL SCREEN UHD DISPLAY

Enjoy 4K@60Hz Ultra HD Entertainment



HDMI 2.0 x2



Image: Speed comparison for 2.5G High Speed Ethernet.

Bluetooth Connectivity

The integrated Bluetooth 5.2 allows you to connect various wireless devices such as keyboards, mice, headphones, and other peripherals seamlessly.

STORAGE AND MEMORY EXPANSION

The GMKtec G3 Plus comes with a pre-installed 1TB PCIe 3.0 M.2 2280 NVMe SSD for high-speed storage. For additional storage, there is an available slot for an M.2 2242 SATA disk (not included). The system's 16GB DDR4 RAM can be expanded up to 32GB for enhanced multitasking capabilities.

PREMIUM PARTS & DESIGN

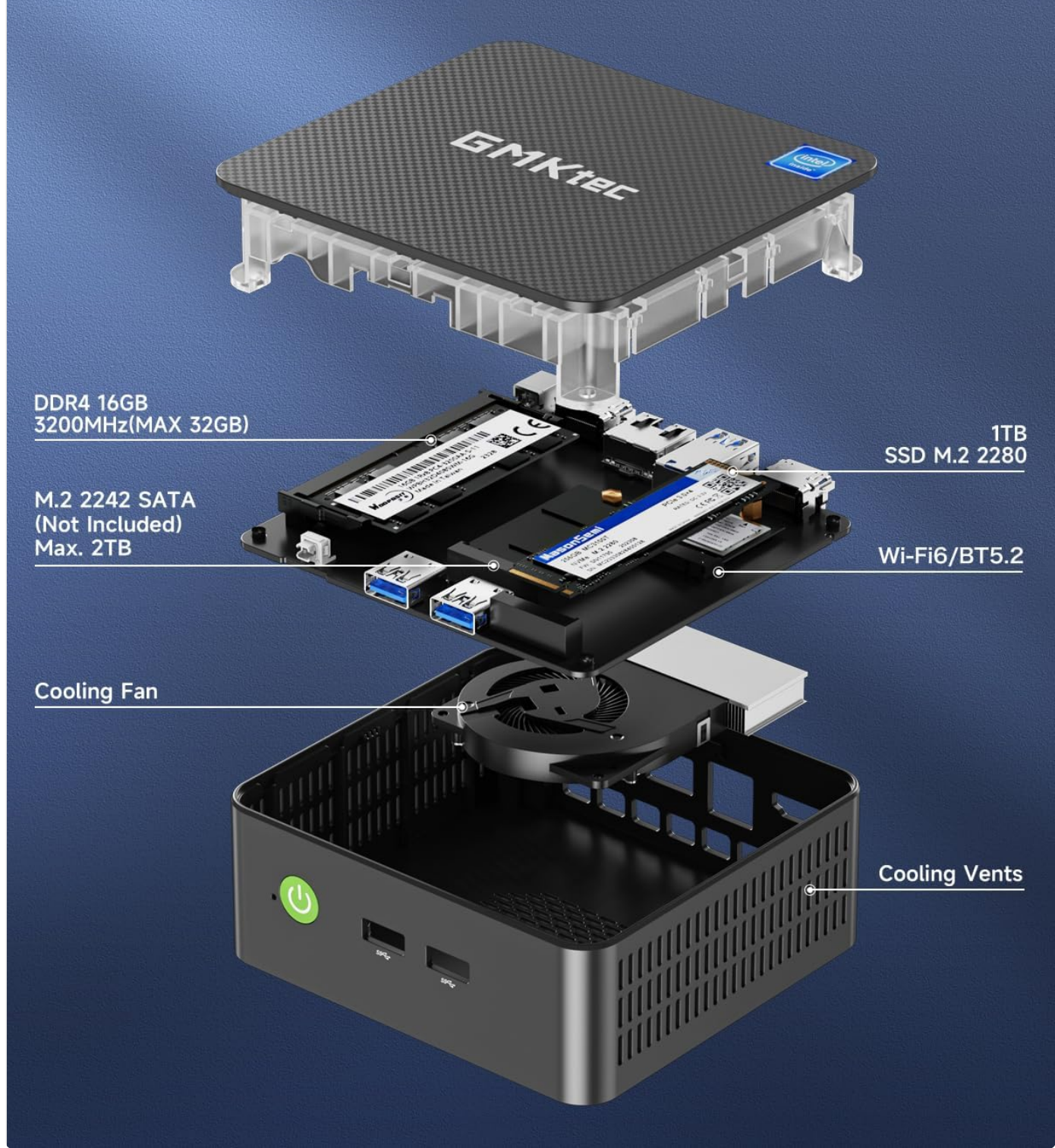


Image: Internal layout and upgrade options for the GMKtec G3 Plus Mini PC.

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

- **Keep Clean:** Regularly clean the exterior with a soft, dry cloth. Use compressed air to clear dust from vents to ensure proper airflow.
- **Ensure Ventilation:** Place the Mini PC in a well-ventilated area, avoiding enclosed spaces that could restrict airflow and lead to overheating.
- **Software Updates:** Keep your Windows operating system and drivers updated to the latest versions for security and performance improvements.
- **Avoid Extreme Conditions:** Do not expose the Mini PC to extreme temperatures, humidity, or direct sunlight.

TROUBLESHOOTING

If you encounter issues with your GMKtec G3 Plus Mini PC, refer to the following common problems and solutions:

No Power

Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Check if the power outlet is functional.

No Display Output

Verify that the HDMI cable is firmly connected to both the Mini PC and the monitor. Ensure the monitor is powered on and set to the correct input source (HDMI). Try a different HDMI cable or monitor if possible.

Network Connectivity Issues

For Wi-Fi, check if Wi-Fi is enabled in Windows settings and if you are connected to the correct network. For wired Ethernet, ensure the Ethernet cable is properly connected and your router/modem is working. Restart your router/modem if necessary.

Slow Performance

Close any unnecessary applications running in the background. Check Task Manager for high CPU, RAM, or disk usage. Ensure Windows and drivers are up to date. Consider upgrading RAM or storage if performance issues persist during demanding tasks.

TECHNICAL SPECIFICATIONS

Detailed specifications for the GMKtec G3 Plus Mini PC:

Feature	Specification
Processor	Intel N150 (4 Cores/4 Threads, up to 3.4 GHz)
Graphics	Intel UHD Graphics (max 750 MHz)
RAM	16GB DDR4 (Expandable to 32GB)
Storage	1TB PCIe 3.0 M.2 2280 NVMe SSD (Supports additional M.2 2242 SATA)
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6, Bluetooth 5.2
Wired Connectivity	2.5G Gigabit Ethernet (RJ45)
USB Ports	4 x USB 3.2
Video Output	2 x HDMI 2.0 (Supports Dual 4K@60Hz)
Audio Port	3.5mm Audio Jack

NEW TWIN LAKE INTEL N150 CPU PROCESSOR

Increased CPU Performance Compared to Previous N100 Processor



4 Cores
4 Threads



7nm
Micro-Sized Chip



6W
TDP



6MB
Cache



3.60GHz
Fast Processor



Multi-Core

TWIN LAKE N150

2460

AlderLake N100

2280

AlderLake N95

1978

Jasper Lake N5105

1925

Jasper Lake N5095

1855

Single-Core

TWIN LAKE N150

979

AlderLake N100

910

AlderLake N95

781

Jasper Lake N5105

617

Jasper Lake N5095

601

Image: Intel N150 CPU Processor details and performance comparison.

WARRANTY AND SUPPORT

GMKtec offers a one-year limited warranty for each Mini PC from the date of purchase, covering defects related to design and

manufacturing. For any inquiries or support needs, please refer to the following:

Amazon Support: For product-related questions or issues, you can contact GMKtec through Amazon. Log in to your Amazon account, navigate to 'Your Orders', and select 'Ask Product Question' for your GMKtec G3 Plus Mini PC.

After-Sales Support: For direct assistance, you may send an email to the GMKtec After-Sales Team.

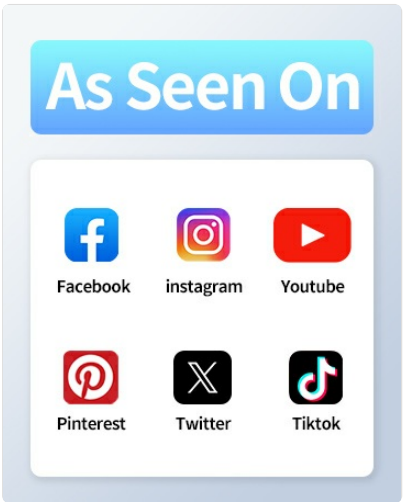
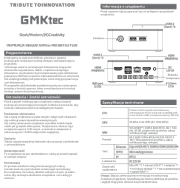
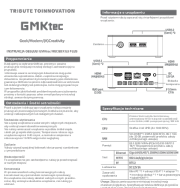

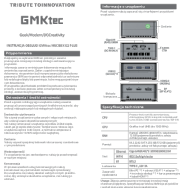
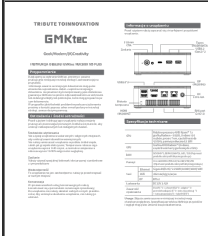
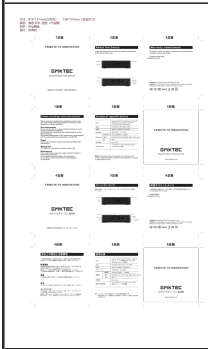


Image: GMKtec Warranty & Support contact information.

Related Documents - G3 Plus

	<p>GMKtec NUCBOX G3 PLUS User Manual and Specifications</p> <p>Comprehensive user manual for the GMKtec NUCBOX G3 PLUS mini PC, covering setup, specifications, safety precautions, and warranty information. Includes detailed descriptions of hardware interfaces and technical details.</p>
	<p>Instrukcja Obsługi GMKtec NUCBOX G3 PLUS - Mini PC</p> <p>Szczegółowa instrukcja obsługi dla mini PC GMKtec NUCBOX G3 PLUS. Zawiera informacje o specyfikacjach, podłączeniu, bezpieczeństwie i konserwacji.</p>
	<p>GMKtec NUCBOX7/7S User Manual</p> <p>User manual for the GMKtec NUCBOX7 and NUCBOX7S mini PCs, detailing specifications, safety precautions, connection steps, and after-sales support.</p>
	<p>GMKtec NUCBOX G2 PLUS User Manual and Safety Information</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>GMKtec NUCBOX M5 PLUS User Manual and Safety Guide</p> <p>Comprehensive user manual for the GMKtec NUCBOX M5 PLUS mini PC, detailing setup, specifications, safety precautions, and warranty information. Learn how to connect your device, access BIOS, and ensure safe operation.</p>
	<p>GMKTEC NUCBOX3 User Manual: Features, Specifications, and Safety</p> <p>Comprehensive user manual for the GMKTEC NUCBOX3 mini PC, covering device features, technical specifications, safety precautions, FCC compliance, and warranty information.</p>