

## GenMachine 3750H/8GB/256GB

# GenMachine Mini PC User Manual

Model: 3750H/8GB/256GB

Brand: GenMachine

## 1. INTRODUCTION

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Thank you for choosing the GenMachine Mini PC. This compact yet powerful computer is designed to deliver exceptional performance for a variety of tasks, including gaming, office productivity, and creative design. Equipped with an AMD Ryzen 7 3750H processor, ample memory, and fast storage, it offers a seamless computing experience. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new Mini PC.

## 2. WHAT'S IN THE BOX

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Please verify that all items are present and in good condition upon unboxing.

- 1 x GenMachine Mini PC
- 1 x HDMI Cable
- 1 x Power Adapter
- 1 x User Manual (this document)

# Packing List

- 1 Mini PC
- 2 User manual
- 3 Packing box
- 4 Power adapter
- 5 HD line



Figure 2.1: Packaging contents of the GenMachine Mini PC.

## 3. PRODUCT FEATURES

The GenMachine Mini PC is engineered with features to enhance your computing experience:

- **Powerful Performance:** Equipped with an AMD Ryzen 7 3750H processor, delivering speeds up to 4.0GHz with 4 cores and 8 threads for demanding tasks.
- **Ample Memory and Storage:** Features 8GB of DDR4 RAM and a 256GB SSD with M.2 NVMe support for seamless multitasking and quick file access.
- **Versatile Connectivity:** Advanced WiFi 6 and Bluetooth 5.2 capabilities ensure high-speed internet and smooth device pairing.
- **Compact Design:** A sleek, small form factor that fits easily into any workspace or gaming setup.
- **Multiple Display Options:** HDMI and DisplayPort outputs support dual 4K displays for expanded productivity and immersive visuals.



Figure 3.1: Front view of the GenMachine Mini PC.

### 3.1 Rich Interface for Easy Connection

The Mini PC offers a comprehensive set of ports to meet various connectivity needs:

- USB 3.0 x 4
- HDMI x 1
- DisplayPort (DP) x 1
- LAN (Ethernet) x 1
- 3.5mm Audio Jack x 1

# Rich Interface To Be Connected Freely

Support Multiple Interface Types To Meet The Needs Of Multiple Scenes



Figure 3.2: Available ports on the GenMachine Mini PC.

## 3.2 Dual Monitor Support

Enhance your productivity or gaming experience by connecting up to two 4K displays simultaneously using the HDMI and DisplayPort outputs.

# Place Anywhere Watch Anytime

Compact and Portable, Supporting Up to Dual 4K Displays



Figure 3.3: Dual 4K display setup with the GenMachine Mini PC.

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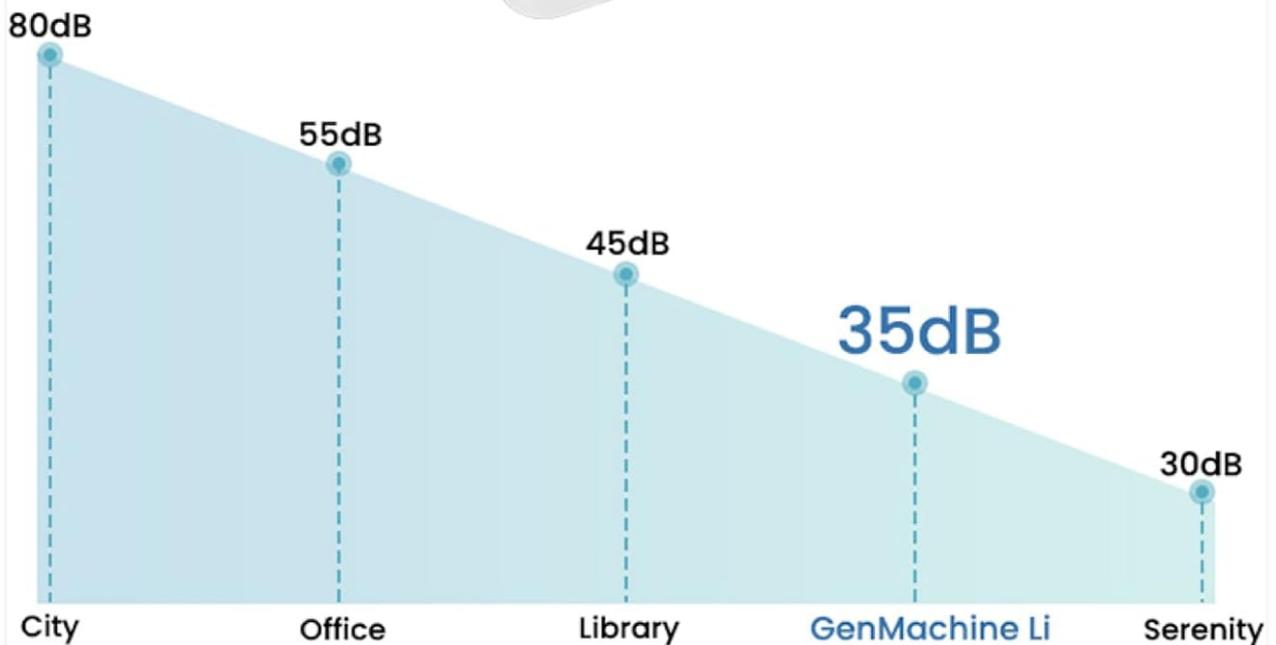
Video 3.1: Demonstration of the GenMachine Mini PC supporting two monitors simultaneously.

## 3.3 Energy Efficiency and Quiet Operation

Designed for low noise operation, the Mini PC maintains a quiet environment, making it suitable for various settings.

# Energy Efficient And Silent

Low Noise Operation, a Quiet Companion at **35** Decibels



Data obtained from laboratory testing. Different testing environments and conditions may result in variations in data.

Figure 3.4: Noise level comparison of the GenMachine Mini PC.

## 3.4 Compact and Durable Design

The Mini PC features an ultra-durable, lightweight metal casing, making it space-saving and robust for any work environment.

# Maximize Your Space

GenMachine Mini PC: Ultra-durable, lightweight metal casing space-saving and powerful, suitable for any work environment



Figure 3.5: Compact size of the GenMachine Mini PC.

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Video 3.2: Overview of the GenMachine Mini PC's features and compact design.

## 4. SETUP GUIDE

Follow these steps to set up your GenMachine Mini PC:

1. **Unpack the Mini PC:** Carefully remove all components from the packaging.
2. **Connect to a Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. If using a DisplayPort monitor, use a compatible DP cable (not included).
3. **Connect Peripherals:** Plug in your keyboard, mouse, and any other USB devices into the available USB 3.0 ports.
4. **Connect to Network (Optional):** For a wired internet connection, connect an Ethernet cable to the LAN port. For wireless, ensure your WiFi network is available during initial setup.
5. **Connect Power:** Plug the power adapter into the DC-in port on the Mini PC, then plug the adapter into a power outlet.
6. **Power On:** Press the power button on the front of the Mini PC. The system should boot up.

## 5. OPERATING INSTRUCTIONS

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## 5.1 Initial Boot and Operating System Setup

Upon first power-on, the Mini PC will guide you through the operating system setup process. Follow the on-screen prompts to configure language, region, user accounts, and network settings.

## 5.2 Power Management

- **Power On:** Press the power button once.
- **Shut Down:** Access the power options through the operating system's start menu and select 'Shut down'.
- **Restart:** Access the power options through the operating system's start menu and select 'Restart'.
- **Sleep Mode:** Access the power options through the operating system's start menu and select 'Sleep'.

## 5.3 Connecting to Wi-Fi and Bluetooth

To connect to a wireless network or Bluetooth device, use the respective settings within your operating system. The Mini PC supports WiFi 6 and Bluetooth 5.2 for fast and reliable connections.

# 6. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the exterior. For dust in vents, use compressed air. Ensure the device is powered off and unplugged before cleaning.
- **Ventilation:** Ensure the Mini PC is placed in a well-ventilated area. Do not block the air vents.
- **Software Updates:** Regularly update your operating system, drivers, and applications to ensure security and performance.
- **Data Backup:** Periodically back up important data to an external drive or cloud storage.

# Fivefold Inspection

Comprehensive and Rigorous Quality Control and Reliability Verification

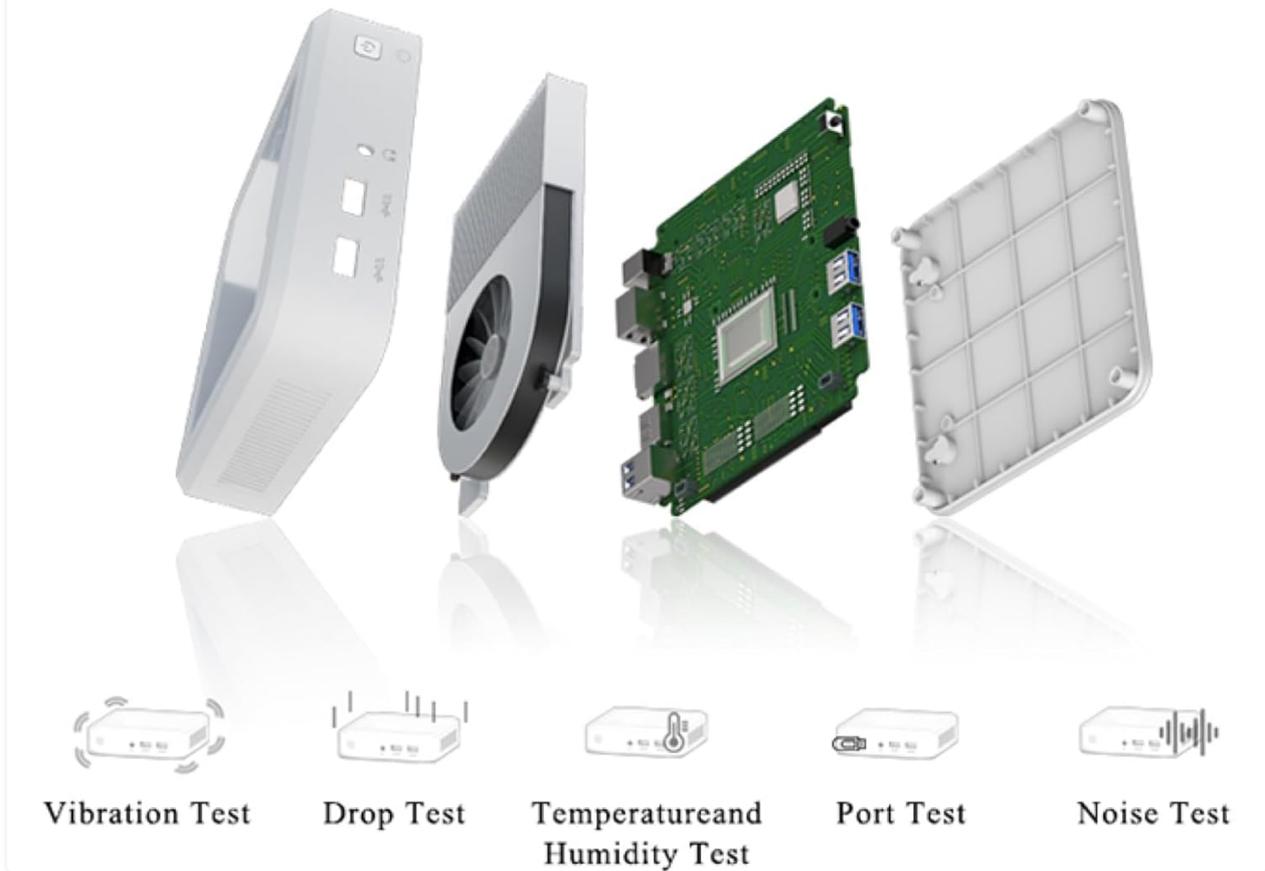


Figure 6.1: GenMachine's Fivefold Inspection process for quality control.

## 7. TROUBLESHOOTING

If you encounter issues with your 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.
- Try a different power outlet.

- **No Display:**

- Verify that the HDMI or DisplayPort cable is securely connected to both the Mini PC and the monitor.
- Ensure the monitor is powered on and set to the correct input source.
- Try a different display cable or monitor if possible.

- **System Freezes or Unresponsive:**

- Perform a hard reset by holding the power button for 5-10 seconds until the device powers off, then restart.
- Ensure the operating system and drivers are up to date.
- Check for overheating; ensure proper ventilation.

- Run a system diagnostic or memory test if the issue persists.
- **No Internet Connection:**
  - For wired connections, check the Ethernet cable and router status.
  - For Wi-Fi, ensure Wi-Fi is enabled in the operating system and you are connected to the correct network with the correct password.
  - Restart your router/modem.

## 8. SPECIFICATIONS

Feature	Specification
Processor	AMD Ryzen 7 3750H (4 cores, 8 threads, up to 4.0GHz)
RAM	8GB DDR4
Storage	256GB SSD (with M.2 NVMe support)
Graphics Coprocessor	AMD Radeon Vega 10 Graphics
Max Screen Resolution	3840 x 2160 pixels (4K)
Wireless Type	802.11ac (WiFi 6), Bluetooth 5.2
USB Ports	4 x USB 3.0
Video Outputs	HDMI, DisplayPort
Operating System	OS (Pre-installed)
Item Weight	2.1 pounds
Product Dimensions	4.9 x 4.9 x 1.4 inches
Color	Black

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official GenMachine website. Keep your purchase receipt as proof of purchase for warranty claims.

If you require further assistance, please contact GenMachine customer support through the channels provided on their official website.

