

Manuals+

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

manuals.plus /

› [GenMachine](#) /

› [GenMachine Mini PC AMD Ryzen 7 3750H \(Model Ren3000\) Instruction Manual](#)

GenMachine Ren3000

GenMachine Mini PC AMD Ryzen 7 3750H (Model Ren3000) Instruction Manual

Brand: GenMachine

Model: Ren3000

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your GenMachine Mini PC AMD Ryzen 7 3750H. This high-performance mini computer is designed for both home and office use, offering powerful processing, ample memory, and versatile connectivity in a compact and quiet design.

Video Description: An official overview of the GenMachine Mini PC AMD Ryzen, highlighting its compact size and suitability for home and office environments.

2. PACKING LIST

Ensure all items listed below are present in your product package:

- GenMachine Mini PC
- User Manual
- Power Adapter
- HD Line (HDMI Cable)

Maximize Your Space

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



Image Description: The image displays the GenMachine Mini PC, user manual, power adapter, and HDMI cable neatly arranged beside the product's white packaging box, illustrating the contents of the package.

3. PRODUCT OVERVIEW

3.1. Physical Design and Dimensions

The GenMachine Mini PC features a sleek, compact build designed to fit seamlessly into any workspace. Its small footprint allows for flexible placement options.

- **Dimensions:** 5 x 5 x 1.45 inches (12.9 x 12.9 x 3.7 cm)
- **Item Weight:** 1.7 pounds
- **Color:** Black

Place Anywhere Watch Anytime

Compact and Portable, Supporting Up to Dual 4K Displays



Image Description: A human hand holds the GenMachine Mini PC, emphasizing its compact dimensions of 12.9x12.9x3.7 cm, making it suitable for small spaces.

3.2. Ports and Interfaces

The Mini PC is equipped with a variety of ports for comprehensive connectivity:

- **Front Ports:** Power Button, Audio Jack (3.5mm), 2x USB 3.0 Ports
- **Rear Ports:** Power Adapter Input, 2x USB 2.0 Ports, 2x HDMI Ports, DisplayPort (DP), LAN (Ethernet) Port



Image Description: A detailed diagram illustrating the various ports on the front and rear of the GenMachine Mini PC, including USB, HDMI, DisplayPort, LAN, and the power adapter input.

4. SETUP

4.1. Connecting the Power Adapter

1. Connect the power adapter cable to the DC-in port on the rear of the Mini PC.
2. Plug the power adapter into a wall outlet.

4.2. Connecting Display(s)

1. Connect your monitor(s) to the HDMI or DisplayPort (DP) outputs on the rear of the Mini PC using appropriate cables.
2. The Mini PC supports dual display output for enhanced productivity.

4.3. Connecting Peripherals

1. Connect your USB keyboard and mouse to the available USB ports (USB 3.0 on the front, USB 2.0 on the rear).
2. For wired network access, connect an Ethernet cable to the LAN port.
3. For audio output, connect headphones or speakers to the 3.5mm audio jack on the front.

4.4. Powering On

1. Press the power button located on the front of the Mini PC.
2. The system will boot up, and you will be guided through the initial setup of the pre-installed Operating System (OS).

5. OPERATING THE GENMACHINE MINI PC

5.1. Performance

The GenMachine Mini PC is powered by an **AMD Ryzen 7 3750H processor**, offering robust performance for multitasking, creative tasks, and gaming. Coupled with **8GB of high-speed DDR4 RAM** and a **256GB 2280 SSD**, it ensures rapid boot times and efficient application handling.

5.2. Display Capabilities

Enjoy stunning visuals with **4K HDMI support**. The Mini PC supports **dual display output** via HDMI and DisplayPort, allowing for extended workspaces and improved productivity.

Wifi6 + Bluetooth 5.2

Built -In Wireless Network Card, Not Subject To Position Constraints, Wireless Freedom



Image Description: The GenMachine Mini PC is shown connected to two monitors, demonstrating its dual 4K display support for an expanded and efficient workspace.

5.3. Connectivity

Stay connected with advanced wireless technologies:

- **Wi-Fi 6:** For faster and more stable wireless internet performance.
- **Bluetooth 5.2:** For seamless pairing with wireless peripherals like keyboards, mice, speakers, and headphones.

Fivefold Inspection

Comprehensive and Rigorous Quality Control and Reliability Verification



Vibration Test



Drop Test



**Temperature and
Humidity Test**



Port Test



Noise Test

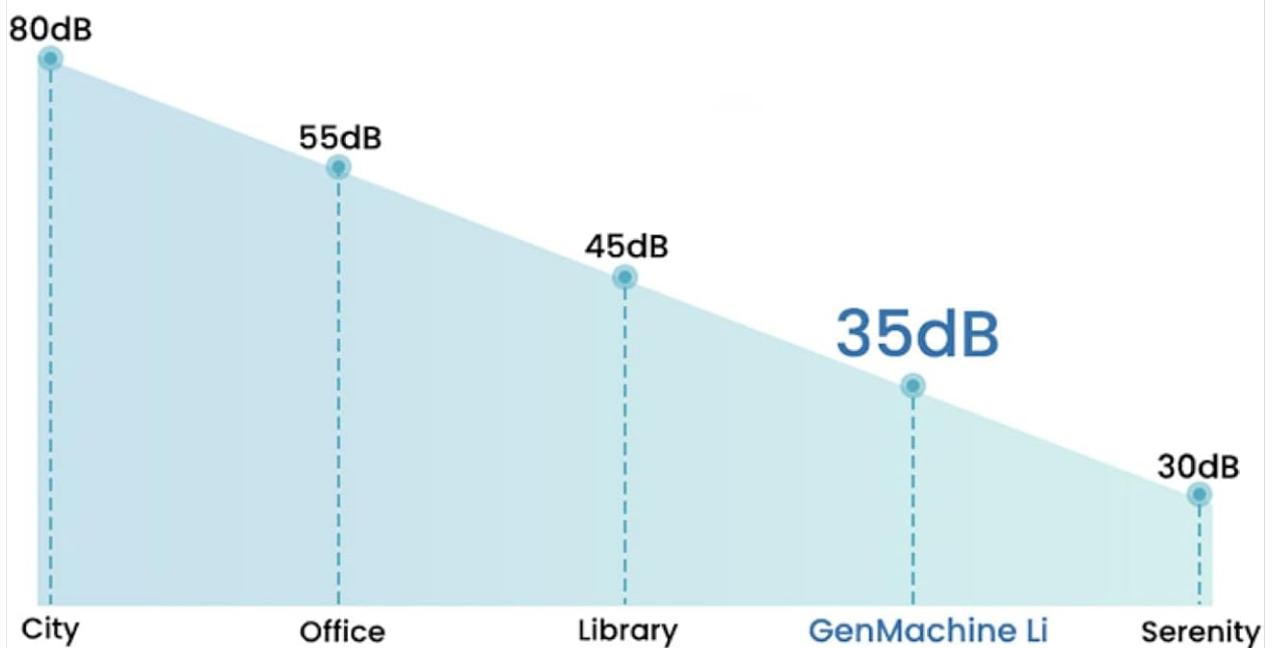
Image Description: A desktop setup featuring the GenMachine Mini PC, a monitor, keyboard, and mouse, with graphics emphasizing its Wi-Fi 6 and Bluetooth 5.2 connectivity for wireless freedom.

5.4. Quiet and Energy-Efficient Operation

The Mini PC features an ultra-quiet cooling system, ensuring silent operation even under load. Its energy-efficient design helps reduce power consumption without compromising performance.

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.

Image Description: The GenMachine Mini PC is depicted alongside a bar graph illustrating its low noise output of 35dB, positioning it as a quiet device compared to typical city, office, and library noise levels.

6. MAINTENANCE AND UPGRADES

The GenMachine Mini PC is designed for easy maintenance and upgrades, allowing you to enhance its capabilities over time.

6.1. Upgrading RAM

The Mini PC comes with 8GB of DDR4 RAM. You can upgrade the RAM by replacing the existing modules with higher capacity DDR4 SODIMM modules, up to the maximum supported by the motherboard.

6.2. Upgrading Storage

The device includes a 256GB 2280 SSD. You can upgrade to a larger capacity NVMe SSD to expand your storage. When upgrading, ensure proper heat management for the NVMe drive, as inadequate cooling can affect its lifespan.



Image Description: An internal view of the GenMachine Mini PC, revealing the RAM modules and the NVMe SSD slot, indicating areas for potential upgrades.

7. TROUBLESHOOTING

If you encounter issues with your Mini PC, consider the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working wall outlet.
- **No Display:** Verify that your HDMI or DisplayPort cables are correctly connected to both the Mini PC and the monitor. Try using a different cable or monitor to rule out faulty equipment.
- **Overheating:** Ensure the Mini PC's ventilation vents are clear and not obstructed. If you've upgraded the NVMe SSD, confirm it has adequate cooling to prevent thermal throttling and potential drive failure.
- **Peripheral Issues:** Check that USB devices are properly connected. For wireless devices, ensure Bluetooth is enabled and devices are paired correctly.

- **BIOS/CMOS Reset:** If experiencing boot issues, locate the BIOS/CMOS reset pinhole (refer to product overview image for location) and use a thin object to press the reset button.

8. SPECIFICATIONS

Feature	Specification
Processor	AMD Ryzen 7 3750H (2.3 GHz)
RAM	8GB DDR4
Hard Drive	256GB 2280 SSD
Graphics Coprocessor	Integrated Graphics (AMD Radeon Vega 10)
Max Screen Resolution	3840x2160 Pixels (4K)
Operating System	OS (Pre-installed)
Wi-Fi	Wi-Fi 6
Bluetooth	Bluetooth 5.2
USB 3.0 Ports	2
USB 2.0 Ports	2
HDMI Ports	2
DisplayPort (DP)	1
Ethernet (LAN)	1
Audio Jack	3.5mm (Headphone/Microphone)
Dimensions (LxWxH)	5 x 5 x 1.45 inches
Item Weight	1.7 pounds

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation included in your package or contact GenMachine customer service directly. Keep your proof of purchase for warranty claims.