

Machenike 4762H

Machenike Machcreator Mini Desktop (Model 4762H) User Manual

Your comprehensive guide to setup, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the Machenike Machcreator Mini Desktop. This compact and powerful computer is designed for efficiency and performance, featuring a 13th Gen Intel i7-13620H processor, 16GB DDR5 RAM, and a 1TB PCIe M.2 SSD. This manual provides essential information to help you set up, operate, and maintain your new device.

2. PRODUCT OVERVIEW

The Machenike Machcreator Mini Desktop is a high-performance mini PC designed for various computing needs, from business applications to multimedia. Its compact form factor allows for versatile placement, including wall mounting.



Figure 2.1: Front and rear view of the Machenike Machcreator Mini Desktop, showing its compact design and an optional mounting bracket for discreet installation.

2.1 Key Features

- **Processor:** 13th Gen Intel Core i7-13620H (10 Cores, 16 Threads, up to 4.9 GHz)
- **Memory:** 16GB DDR5 RAM (expandable up to 64GB)
- **Storage:** 1TB PCIe M.2 Solid State Drive (supports dual M.2, expandable up to 4TB PCIe SSD)
- **Operating System:** Windows 11 Pro
- **Graphics:** Intel UHD Graphics, supporting 4K dual monitor output
- **Connectivity:** Wi-Fi 6, Bluetooth, Dual 2.5G RJ45 Ethernet ports
- **Ports:** 4x USB 3.2 Gen2 Type-A, 1x USB Type-C, 1x 3.5mm Audio Jack, 1x HDMI 2.0, 1x DisplayPort 1.4
- **Cooling System:** Twin turbine cooling fan with deluxe all-copper radiator

Figure 2.2: Visual summary of the Machenike Machcreator Mini Desktop's key features, highlighting its connectivity options, cooling system, and core components.

3. SETUP GUIDE

3.1 Unboxing and Initial Inspection

1. Carefully remove the Mini Desktop and all accessories from the packaging.

2. Verify that all components are present: Mini Desktop unit, power adapter, and any included documentation.
3. Inspect the device for any visible damage. If damage is found, contact customer support immediately.

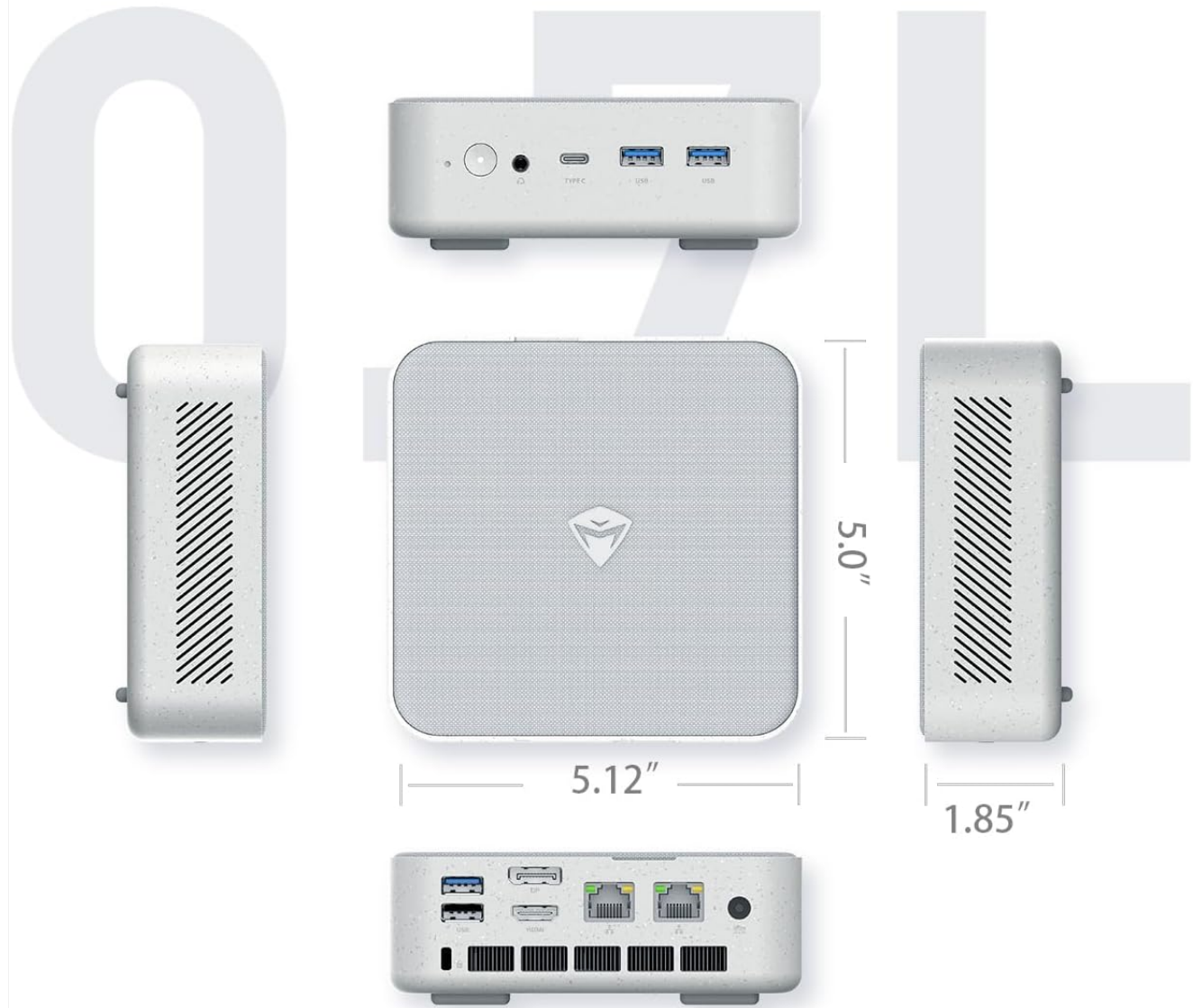
3.2 Connecting Peripherals

Refer to the port diagram below for connecting your devices.

Compact interface super power

Front Ports: 2 x USB 3.2 Gen2 Type-A ports, 1 x USB Type-C, 1 x 3.5mm Audio Jack

Rear Ports: 1 x USB 3.2 Gen2 Type-A ports, 1 x USB2.0, 1 x DP1.4, 1 x HDMI2.0, 2 x RJ45



Machcreator Mini2 is about 0.7L in size,
which is only 1/20 the size of a regular desktop

Figure 3.1: Detailed view of the front and rear ports, including USB, HDMI, DisplayPort, Ethernet, and audio connections.

- **Power:** Connect the power adapter to the DC-in port on the rear of the Mini Desktop, then plug it into a power outlet.
- **Display:** Connect your monitor(s) to the HDMI 2.0 or DisplayPort 1.4 ports. The device supports dual 4K monitors.
- **Keyboard and Mouse:** Connect your USB keyboard and mouse to any available USB Type-A ports.
- **Network:** For a wired connection, connect an Ethernet cable to one of the RJ45 ports. For wireless, ensure Wi-Fi 6 is enabled (see Section 4.2).

- **Audio:** Connect speakers or headphones to the 3.5mm audio jack on the front.

3.3 First Power On

1. Ensure all necessary peripherals are connected.
2. Press the power button located on the front of the device.
3. The system will boot into Windows 11 Pro. Follow the on-screen instructions for initial setup, including language, region, and network configuration.

4. OPERATING INSTRUCTIONS

4.1 Windows 11 Pro Overview

Your Mini Desktop comes pre-installed with Windows 11 Pro, offering a streamlined interface and enhanced features for productivity and collaboration. Explore the Start Menu, Taskbar, and Snap Layouts for efficient multitasking.



Figure 4.1: The Windows 11 Pro operating system, demonstrating its versatility for various applications including gaming, office work, and graphic design.

4.2 Network Connectivity

- **Wi-Fi:** Click the Wi-Fi icon in the taskbar, select your network, enter the password, and click Connect.
- **Bluetooth:** To pair Bluetooth devices, go to *Settings > Bluetooth & devices*, ensure Bluetooth is on, and click 'Add device'.
- **Ethernet:** If an Ethernet cable is connected, the system should automatically establish a wired network connection.

4.3 Display Configuration

To configure display settings, right-click on the desktop and select 'Display settings'. Here you can adjust resolution, orientation, and arrange multiple displays.

4.4 Power Management

To shut down, restart, or put the device to sleep, click the Start button, then the Power icon, and select the desired option.

5. MAINTENANCE

5.1 General Care

- Keep the Mini Desktop in a clean, dry environment, away from direct sunlight and extreme temperatures.
- Avoid blocking the ventilation openings to ensure proper airflow and prevent overheating.
- Use a soft, dry cloth for cleaning the exterior. For stubborn marks, a slightly damp cloth can be used, ensuring no liquid enters the device.

5.2 Software Updates

Regularly update your Windows operating system and drivers to ensure optimal performance and security. Go to *Settings > Windows Update* to check for and install updates.

5.3 Cooling System

The Mini Desktop features a twin turbine cooling fan and an all-copper radiator to manage heat. Ensure the vents are clear of dust and obstructions. If you notice increased fan noise or reduced performance, consider cleaning the vents with compressed air.



Figure 5.1: Illustration of the advanced cooling system, featuring twin turbine fans and a deluxe all-copper radiator for efficient heat dissipation.

5.4 Storage and Memory Expansion

The device supports expansion of both RAM and SSD storage. It can be upgraded to up to 64GB DDR5 RAM and up to 4TB PCIe SSD. Consult a qualified technician for hardware upgrades to avoid voiding your warranty.



Figure 5.2: Overview of the internal components, highlighting the PCIe 4.0 SSD slot and DDR5 RAM slots, indicating upgrade capabilities.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, please contact customer support.

Problem	Possible Cause	Solution
No power	Power cable disconnected, faulty outlet	Check power cable connections, try a different outlet.
No display	Monitor cable loose, incorrect input selected on monitor	Ensure HDMI/DisplayPort cables are securely connected. Select correct input source on your monitor.

Problem	Possible Cause	Solution
No internet (Wi-Fi)	Wi-Fi disabled, incorrect password, router issue	Check Wi-Fi settings in Windows, re-enter password, restart your router.
Bluetooth device not pairing	Bluetooth disabled, device out of range, driver issue	Ensure Bluetooth is enabled in Windows settings. Move device closer. Update Bluetooth drivers. Clear previous pairings on the Bluetooth device.
System crashes/freezes	Overheating, software conflict, driver issue	Ensure proper ventilation. Update Windows and drivers. Check for conflicting software. If persistent, contact support.
Slow performance	Too many applications running, low disk space, outdated drivers	Close unnecessary applications. Free up disk space. Update drivers.

7. SPECIFICATIONS

Detailed technical specifications for the Machenike Machcreator Mini Desktop (Model 4762H).

Feature	Detail
Model Number	4762H
Processor	Intel Core i7-13620H (10 Cores, 16 Threads, 24MB Cache, 1.8 GHz Base, up to 4.9 GHz Max Turbo)
RAM	16GB DDR5 (4800 MHz), expandable up to 64GB
Storage	1TB PCIe M.2 SSD, supports dual M.2, expandable up to 4TB PCIe SSD
Graphics	Intel UHD Graphics (Integrated)
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth
Ethernet	2 x RJ45 (2.5G network ports)
USB Ports	4 x USB 3.2 Gen2 Type-A, 1 x USB Type-C
Video Output	1 x HDMI 2.0, 1 x DisplayPort 1.4 (Supports 4K Dual Monitor)
Audio	1 x 3.5mm Audio Jack
Dimensions (LxWxH)	5.12 x 5 x 1.85 inches (130 x 127 x 47 mm)
Weight	Approximately 6 pounds (2.7 kg)
Power Source	AC Adapter

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Your Machenike Machcreator Mini Desktop comes with a standard manufacturer's warranty. Please refer to the warranty

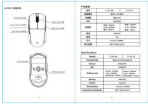
card included in your product packaging for specific terms and conditions. Keep your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Machenike customer support. You can find contact information on the official Machenike website or through your retailer.
Visit the official Machenike Store for more information:[Machenike Store on Amazon](#)

Related Documents - 4762H

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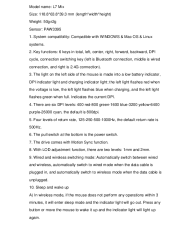



[Qingdao Machenike L7AIR Laptop User Manual and Specifications](#)

Official user manual and technical specifications for the Qingdao Machenike L7AIR laptop (Model 2BBT5-L7AIR), including safety guidelines and regulatory compliance information.



[MACHENIKE TH70 Pro ANC Earbuds User Manual](#)

User manual for the MACHENIKE TH70 Pro ANC Earbuds, detailing features, specifications, connection methods, package contents, and troubleshooting. Includes multi-language support.

	<p>Machenike L7 Mix Wireless Gaming Mouse User Manual and Specifications</p> <p>Detailed user manual and specifications for the Machenike L7 Mix wireless gaming mouse, covering features, connectivity, DPI settings, sleep modes, and FCC compliance.</p>
	<p>MACHENIKE GX30PRO Gaming Headphone User Manual</p> <p>Comprehensive user manual for the MACHENIKE GX30PRO Gaming Headphone, covering setup, operation, features, troubleshooting, and warranty information. Learn how to connect via 2.4GHz, Bluetooth, and USB-C.</p>
	<p>MACHENIKE G5PRO Wireless Gaming Controller Operation Manual</p> <p>Comprehensive operation instructions and technical specifications for the MACHENIKE G5PRO wireless gaming controller. Covers setup, connection modes for PC, Switch, Android, and iOS, key functions, expanded features like lighting and vibration, calibration, and product parameters.</p>
	<p>Machenike G3 Gamepad User Manual</p> <p>Comprehensive user manual for the Machenike G3 Gamepad, covering package contents, maintenance, button layout, compatibility with various platforms (Windows, macOS, Android, Nintendo Switch, PlayStation 3), product features, extended functions like backlight and vibration adjustment, connection instructions, and technical specifications.</p>