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Bmax B4 Turbo

BMAX B4 Turbo Mini PC User Manual

Model: B4 Turbo

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your BMAX B4 Turbo Mini PC. Please read this manual thoroughly before using the device to ensure proper functionality and longevity.



Image: Front and side view of the BMAX B4 Turbo Mini PC.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- BMAX B4 Turbo Mini PC
- HDMI Cable
- Power Adapter
- Metal Bracket (for VESA mounting)
- User Guide (this document)



Image: All items included in the BMAX B4 Turbo Mini PC package.

3. PRODUCT OVERVIEW AND SETUP

3.1. Device Layout and Ports

Familiarize yourself with the various ports and features of your BMAX B4 Turbo Mini PC:

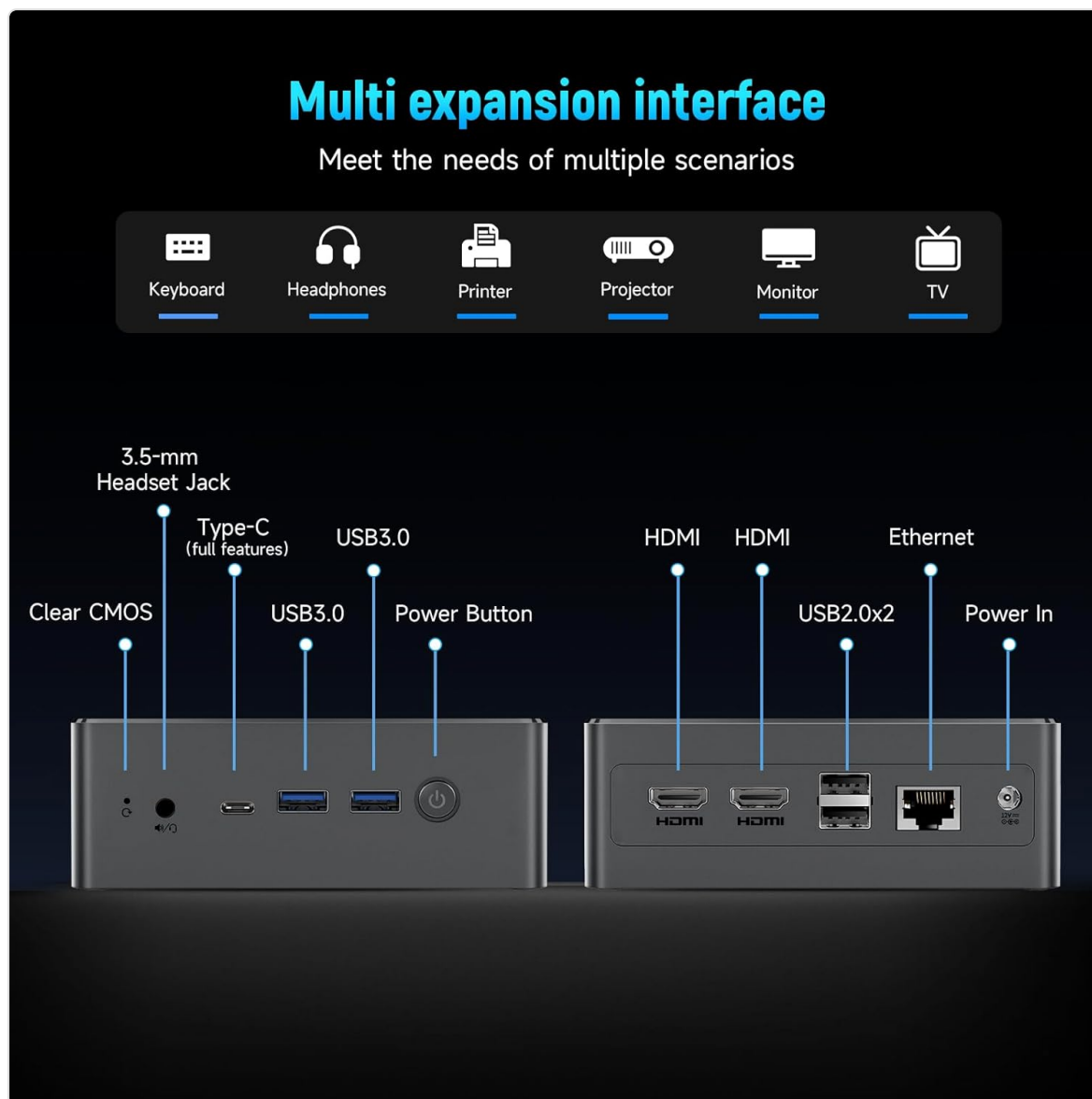


Image: Front and rear port layout of the BMAX B4 Turbo Mini PC.

- **Front Panel:**

- 3.5mm Headset Jack
- Clear CMOS Button
- Type-C Port (full features: charging, data transfer, video output)
- USB 3.0 Ports (x2)
- Power Button

- **Rear Panel:**

- HDMI Ports (x2)
- USB 2.0 Ports (x2)
- Gigabit Ethernet (RJ45) Port
- DC 12V/2A Power Input

3.2. Initial Connection

1. **Connect Display:** Use the provided HDMI cable to connect your monitor or TV to one of the HDMI ports on the rear panel. For triple display setup, connect additional monitors via the second HDMI port and the Type-C port (requires a compatible Type-C to display adapter, not included).
2. **Connect Peripherals:** Connect your keyboard and mouse to the available USB ports.
3. **Connect Power:** Plug the power adapter into the DC 12V/2A power input on the rear panel, then plug the adapter into a power outlet.
4. **Power On:** Press the power button on the front panel to turn on the Mini PC.

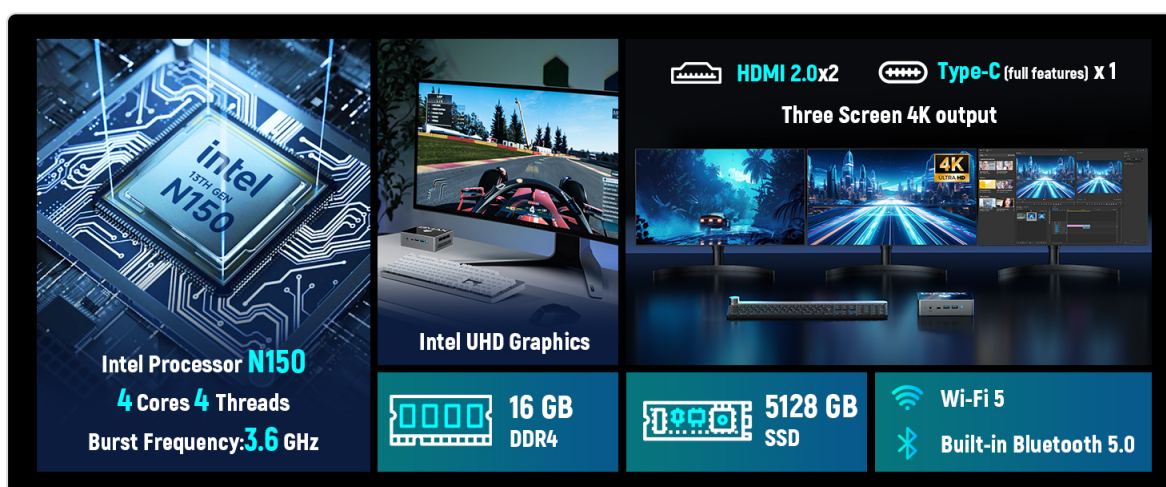


Image: Triple 4K display setup with the BMAX B4 Turbo Mini PC.

3.3. VESA Mounting (Optional)

The BMAX B4 Turbo Mini PC supports VESA mounting, allowing you to attach it to the back of a compatible monitor or to a wall. Use the included metal bracket and screws for installation.

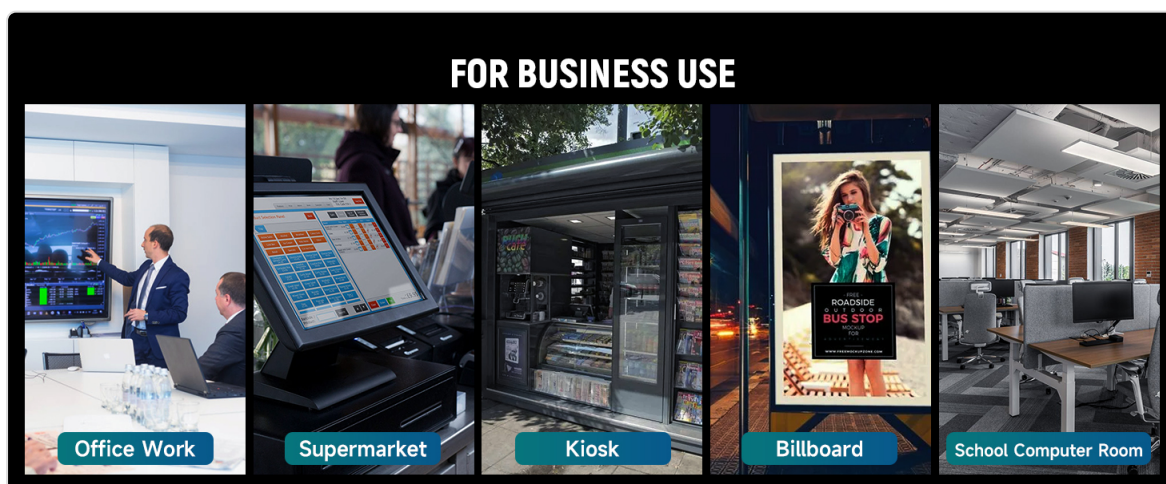


Image: VESA mounting and portability options for the Mini PC.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

- **To Power On:** Press the power button on the front panel.
- **To Power Off:**
 - *Standard Shutdown:* From the operating system, select "Shut down".
 - *Force Shutdown:* Press and hold the power button for approximately 5-7 seconds until the device powers off. Use this only if the system is unresponsive.

4.2. Network Connectivity

- **Wi-Fi Connection:** The Mini PC supports Wi-Fi 5 (802.11ac @ 2.4G+5G). Access network settings in the operating system to connect to your wireless network.
- **Bluetooth Connection:** Built-in Bluetooth 5.0 allows connection to wireless devices such as keyboards, mice, and headphones. Pair devices through the operating system's Bluetooth settings.
- **Wired Ethernet:** Connect an Ethernet cable to the RJ45 port on the rear panel for a stable wired network connection.

Strong Wireless Connection

Experience faster data transfers and video downloads



WiFi 5



Bluetooth 5.0



Image: Wireless connectivity features (WiFi 5 and Bluetooth 5.0).

4.3. Storage Expansion

The BMAX B4 Turbo Mini PC includes a 512 GB M.2 SSD and supports expansion with an additional 2.5-inch NVMe/SATA 2280 SSD (up to 2 TB, not included). Refer to the detailed instructions for installing additional storage, typically found in the full user manual or online support resources.

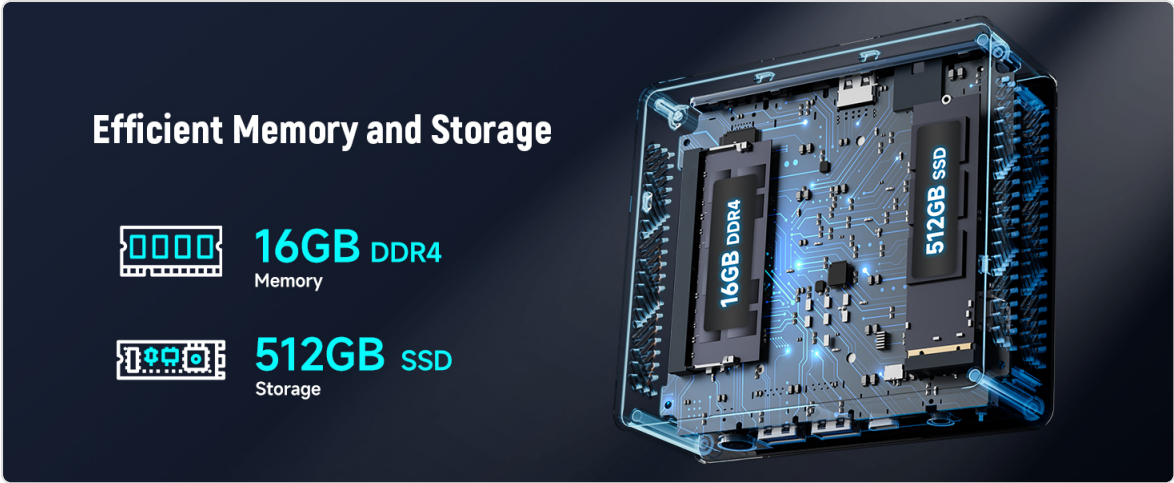


Image: Internal components showing memory and storage.

4.4. One-key Smart Recovery

In case of system malfunction during an upgrade or other issues, the Mini PC features a One-key Smart Recovery function. Press the F9 key during startup to access recovery options and restore the system to its production state.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the Mini PC. Avoid liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the ventilation openings are clear of obstructions to allow for proper airflow and prevent overheating. The B4 Turbo features an upgraded cooling fan to reduce thermals.
- **Software Updates:** Regularly update your operating system and drivers to ensure optimal performance and security.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/Device does not turn on	Power adapter not connected; Power outlet issue; Faulty power button.	Ensure power adapter is securely connected to the device and a working power outlet. Try a different outlet.
No display on monitor	Display cable loose or incorrect; Monitor	Check HDMI/Type-C cable connections. Ensure monitor is

Problem	Possible Cause	Solution
	input not selected; Monitor off.	on and set to the correct input source. Try a different display cable or monitor.
No Wi-Fi connection	Wi-Fi disabled; Incorrect password; Router issue; Driver issue.	Check Wi-Fi settings in OS. Verify password. Restart router. Update Wi-Fi drivers if necessary.
System is slow or unresponsive	Too many applications running; Low storage space; Overheating.	Close unnecessary applications. Free up disk space. Ensure proper ventilation. Consider using the One-key Smart Recovery (F9).

7. SPECIFICATIONS

Feature	Detail
Processor	Intel Alder Lake-N150 (up to 3.6 GHz, 4 Cores/4 Threads, 6 MB Cache, 15W TDP)
Graphics	Intel UHD Graphics, supports 4K@60Hz
RAM	16 GB DDR4 (2666 MHz)
Storage	512 GB M.2 SSD (supports up to 2 TB 2.5-inch NVMe/SATA 2280 SSD expansion)
Operating System	Windows 11 Pro (pre-installed)
Video Output	2x HDMI, 1x Type-C (supports triple 4K display)
Wireless Connectivity	Wi-Fi 5 (802.11ac @ 2.4G+5G), Bluetooth 5.0

Feature	Detail
Wired Connectivity	Gigabit Ethernet (RJ45)
USB Ports	2x USB 3.0, 2x USB 2.0
Other Ports	1x Full-featured Type-C, 1x 3.5mm Headset Jack, 1x Clear CMOS Button, 1x DC 12V/2A Power Input
Dimensions	4.9 x 4.4 x 1.6 inches
Weight	1.61 pounds
Special Features	Smart Fan cooling, VESA mount support, Wake On LAN, PXE Boot, RTC Wake, Auto Power On, One-key Smart Recovery (F9)

8. WARRANTY AND SUPPORT

BMAX provides comprehensive support for your Mini PC:

- **Warranty:** 12 months warranty from the date of purchase for quality defects.
- **Returns:** 30-day no-reason return policy.
- **Customer Service:** 7x24-hour customer service support.
- **Technical Support:** Lifetime technical support.

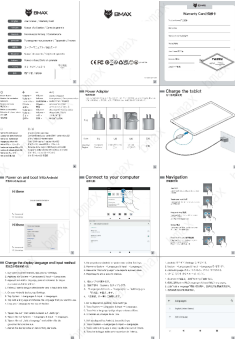
For inquiries, system updates, or troubleshooting assistance, please contact BMAX customer service. You can typically find contact information through your purchase platform or the official BMAX website.

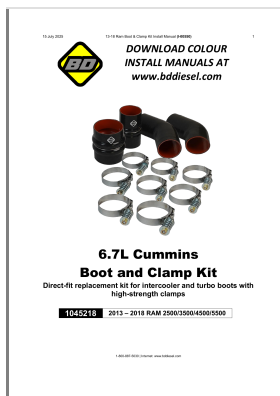
To contact support via Amazon:

1. Login to Amazon.
2. Go to "Your Account".
3. Navigate to "Your Orders".
4. Select the BMAX B4 Turbo Mini PC order and click "Ask Product Question".

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Related Documents - B4 Turbo

	BMAX Mini PC User Manual and Installation Guide Comprehensive user manual for BMAX Mini PC, covering initial setup, language settings, hardware installation (M.2 SSD, 2.5" HDD/SSD, memory modules), and recovery environment. Includes FCC compliance information and safety warnings.
	BMAX B2 PLUS Mini PC User Manual and Warranty Information Comprehensive guide for the BMAX B2 PLUS Mini PC, covering setup, features, and warranty details. Includes multilingual instructions and technical specifications.
	BMAX Kids Tablet I9 Plus User Manual - Features and Operation Official user manual for the BMAX Kids Tablet I9 Plus, featuring Android 15, 8GB RAM, 64GB ROM, a 10.1-inch screen, and Allwinner RK3562 processor. Learn about setup, features, and safety.
	BMAX MB01 Tablet PC User Manual User manual for the BMAX MB01 Tablet PC, covering appearance, features, settings, and FCC compliance information.
	HP Workstation Options Guide A comprehensive guide to optional components for HP Desktop and Mobile Workstations, including memory, graphics cards, storage, and monitors.



[BD Diesel 6.7L Cummins Boot and Clamp Kit Installation Manual for 2013-2018 Ram Trucks](#)

Step-by-step installation guide for the BD Diesel 6.7L Cummins Boot and Clamp Kit (Part #1045218), designed for 2013-2018 Ram 2500, 3500, 4500, and 5500 models. Features direct-fit replacement for intercooler and turbo boots with high-strength clamps.