

Bmax B2S

Bmax Mini PC User Manual

Model: B2S

1. INTRODUCTION

Thank you for choosing the Bmax Mini PC. This compact and powerful desktop computer is designed to meet various computing needs, from everyday tasks to 4K media playback. Its efficient design and versatile connectivity make it an ideal solution for home, office, or educational environments.



Figure 1: Bmax Mini PC B2S - Front View

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Bmax Mini PC (Model B2S)
- Power Adapter
- HDMI Cable
- Metal Bracket (for VESA mount)
- Screws
- User Guide (this manual)

Package Contents

Beautifully Packaged and Meet All Your Needs

Box



User Guide



BMAX MaxMini B2



Power Adapter



Metal Bracket



Screw



Figure 2: Package Contents

3. PRODUCT OVERVIEW

3.1. Key Features

- **Processor:** Intel Celeron N4020 (up to 2.8 GHz)
- **Memory:** 6GB DDR4 RAM

- **Storage:** 128GB eMMC internal storage, expandable via M.2 SATA 2280 SSD and 2.5" HDD.
- **Graphics:** Intel UHD Graphics 600 with 4K HDMI and VGA dual display support.
- **Connectivity:** Dual-band 2.4G+5.0G WiFi, Bluetooth 4.2, RJ45 Gigabit Ethernet.
- **Ports:** 4x USB 3.0, HDMI, VGA, 3.5mm Headset Jack, Micro SD Card Reader.
- **Operating System:** Pre-installed OS (Windows 11 compatible).
- **Design:** Compact and lightweight (approx. 300g), supports wall mount.

3.2. Ports and Connectors

The Bmax Mini PC offers a comprehensive set of ports for various peripherals and displays.



Figure 3: Ports and Connectors

- **HDMI Port:** Connect to a monitor or TV for high-definition video and audio output.
- **VGA Port:** Connect to older monitors or projectors.
- **RJ45 Ethernet Port:** For wired network connection (1000Mbps).
- **USB 3.0 Ports (x4):** For connecting peripherals such as keyboards, mice, external hard drives, and USB flash drives.
- **3.5mm Headset Jack:** For connecting headphones or speakers.
- **Micro SD Card Reader:** For expanding storage or transferring files from memory cards.
- **Power In:** Connect the provided power adapter.
- **Clear CMOS:** Button to reset BIOS settings.

4. SETUP GUIDE

4.1. Initial Setup

1. **Connect to Display:** Connect your monitor or TV to the Mini PC using the HDMI or VGA port.

2. **Connect Peripherals:** Plug in your keyboard and mouse into the USB 3.0 ports.
3. **Power Connection:** Connect the power adapter to the "Power In" port on the Mini PC, then plug the adapter into a power outlet.
4. **Power On:** Press the power button on the Mini PC. The device will boot up, and the operating system will load.

4.2. Storage Expansion

The Bmax Mini PC allows for storage expansion by adding an M.2 SATA 2280 SSD or a 2.5" HDD/SSD. This process requires opening the device.

6GB memory and 128GB storage

6GB memory allows you to run several tasks and easily switch between applications

128GB storage allows you to save huge amounts of files.

M.2_SATA_2280 x1 + FPC Slot x1
Notebook Hard Drive (2.5")SATA interface x1

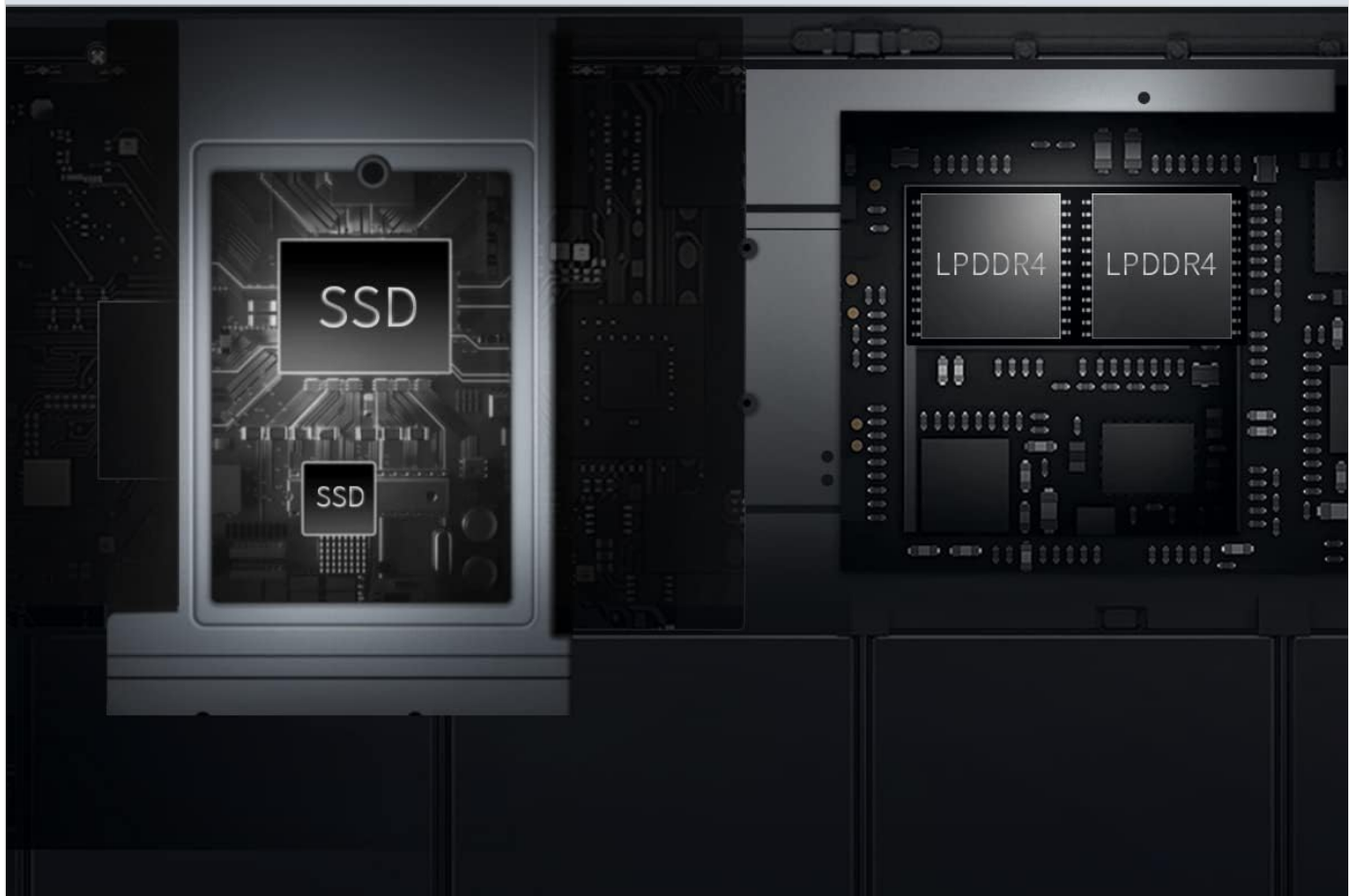


Figure 4: Storage Expansion Options

For a visual guide on how to add an SSD, please refer to the official video below:

Your browser does not support the video tag.

Video 1: How to add an SSD card to the Bmax B2S Mini PC. This video demonstrates the steps for opening the Mini PC and installing an M.2 SSD.

1. **Remove Rubber Feet:** Carefully peel off the four rubber feet on the bottom of the Mini PC to reveal the screws underneath.

2. **Unscrew Bottom Cover:** Use a small screwdriver to remove the screws.
3. **Open Case:** Gently pry open the bottom cover using a plastic opening tool.
4. **Install SSD/HDD:** Locate the M.2 slot or 2.5" drive bay and install your chosen storage device. Secure it with screws if necessary.
5. **Reassemble:** Replace the bottom cover, secure the screws, and reattach the rubber feet.

5. OPERATING INSTRUCTIONS

5.1. Connecting to Network

- **Wired Connection:** Connect an Ethernet cable from your router/modem to the RJ45 port on the Mini PC.
- **Wireless Connection:**
 - a. Ensure Wi-Fi is enabled in your operating system settings.
 - b. Select your desired Wi-Fi network from the available list.
 - c. Enter the network password if prompted.

Awesome Wi-Fi connectivity



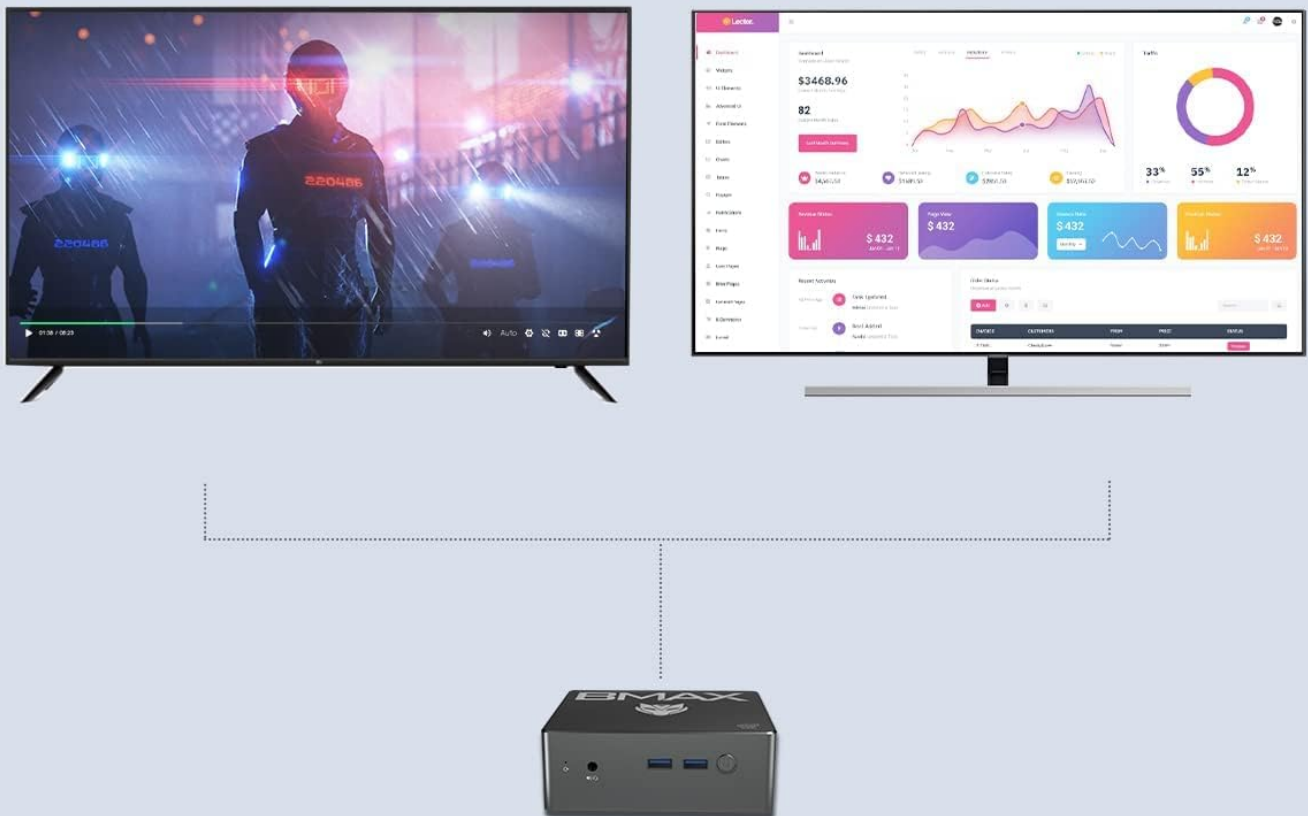
Figure 5: Wi-Fi Connectivity

5.2. Dual Display Setup

The Bmax Mini PC supports dual display output via its HDMI and VGA ports, allowing for extended desktop or mirrored displays.

Intel 9th Gen UHD Graphics 500

BMAX MaxMini B2 S supports up to two independent displays through HDMI and VGA to give you more onscreen space for multi-tasking. Now you can spread out your various work windows, mirror content, or extend a single window across multiple displays.



650MHz
of Graphics Burst Frequency



12
EUs



Supporting
2 monitors

Figure 6: Dual Display Setup

1. Connect the first monitor to the HDMI port.
2. Connect the second monitor to the VGA port.
3. Once both monitors are connected and powered on, configure display settings within your operating system (e.g., Windows Display Settings) to extend or duplicate your desktop.

5.3. Wall Mounting

The compact design of the Bmax Mini PC allows for discreet placement, including mounting behind a monitor using the included metal bracket.

Fits anywhere by design

Small and only 300g, designed for flexibility, the BMAX MaxMini B2 S easily fits on a bookshelf, on a desk, even behind your monitor.



Weights
300g



supports
wall mount design



Figure 7: Compact Design and Wall Mount Support

Elegantly-crafted for the home and the office



Figure 8: Wall Mount Installation

1. Attach the metal bracket to the Mini PC using the provided screws.
2. Secure the Mini PC with the attached bracket to the VESA mounting holes on the back of your monitor.

6. MAINTENANCE

6.1. Cleaning

- Always disconnect the power adapter before cleaning.
- Use a soft, dry cloth to wipe the exterior of the Mini PC.

- For stubborn marks, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- Avoid spraying liquids directly onto the device.
- Regularly clean the ventilation holes to prevent dust buildup, which can affect performance.

6.2. Software Updates

Keep your operating system and drivers updated to ensure optimal performance and security. Refer to your operating system's documentation for instructions on checking and installing updates.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/Device won't turn on.	Power adapter not connected properly; Power outlet issue.	Ensure power adapter is securely connected to both the Mini PC and the power outlet. Try a different outlet.
No display on monitor.	Incorrect display cable connection; Monitor input not selected.	Check HDMI/VGA cable connections. Ensure monitor is set to the correct input source (HDMI/VGA).
Wi-Fi connection issues.	Incorrect Wi-Fi password; Router issues; Driver problems.	Verify Wi-Fi password. Restart your router. Check device manager for Wi-Fi driver status.
Slow performance.	Too many applications running; Insufficient storage space; Overheating.	Close unnecessary applications. Free up disk space. Ensure proper ventilation.

7.1. Smart Recovery Environment

The Bmax Mini PC includes a Smart Recovery Environment that allows you to reset your PC to its factory settings. This can be useful for resolving persistent software issues or preparing the device for a new user.

Smart Recovery Environment

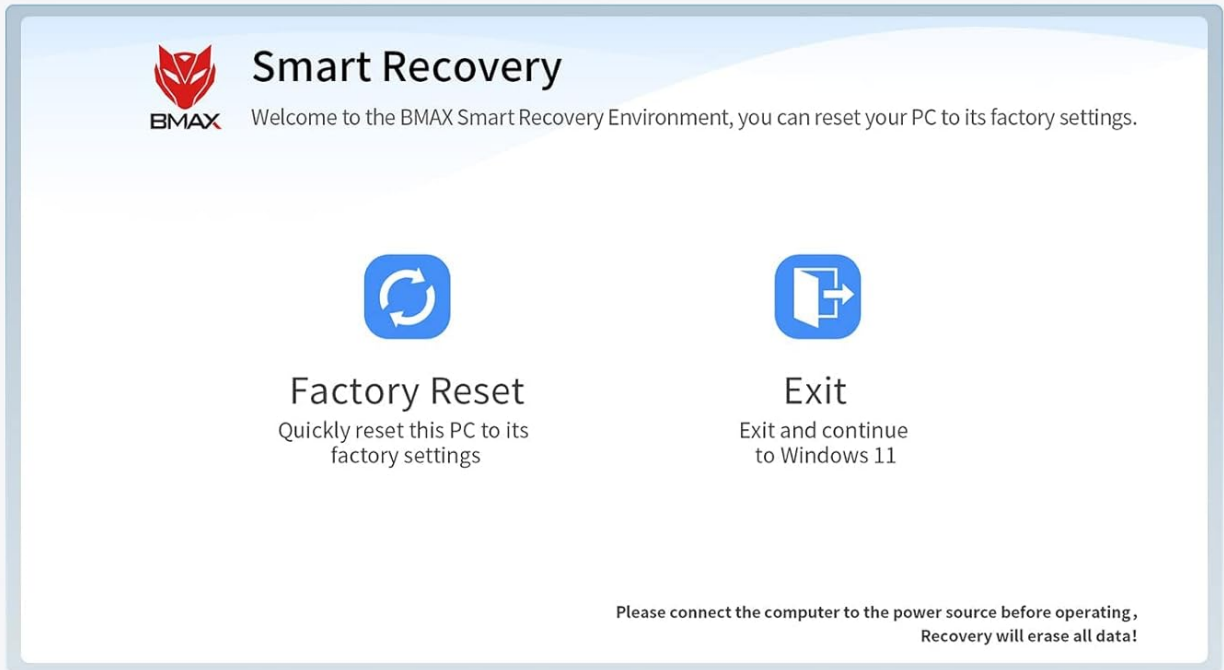


Figure 9: Smart Recovery Environment

Note: Performing a factory reset will erase all data on your device. Ensure you back up any important files before proceeding.

8. SPECIFICATIONS

Feature	Detail
Processor	Intel Celeron N4020 (1.1 GHz base, up to 2.8 GHz burst)
RAM	6 GB DDR4
Internal Storage	128 GB eMMC
Expandable Storage	M.2_SATA_2280 SSD x1, 2.5" HDD/SSD (not included)
Graphics Coprocessor	Intel UHD Graphics

Feature	Detail
Max Screen Resolution	3840 x 2160 pixels (4K)
Wireless Type	2.4 GHz + 5.0 GHz Dual Band WiFi
Bluetooth	Bluetooth 4.2
Ports	4x USB 3.0, HDMI, VGA, RJ45, 3.5mm Headset Jack, Micro SD Card Reader
Operating System	OS (Windows 11 compatible)
Item Weight	1.54 pounds (approx. 0.7 kg)
Dimensions	4.9 x 4.4 x 1.7 inches (approx. 12.4 x 11.2 x 4.3 cm)
Color	Black

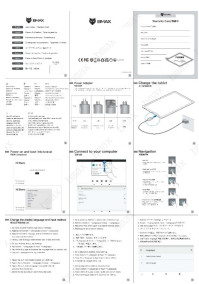

9. WARRANTY AND SUPPORT

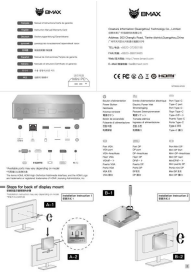



Bmax is committed to providing high-quality products and excellent customer service. For warranty information, technical support, or any inquiries regarding your Bmax Mini PC, please refer to the contact information provided on the product packaging or visit the official Bmax website.

Bmax offers 24-hour after-sales support to ensure a meaningful experience for our customers.

For additional resources and product information, you may visit the [Bmax Official Store on Amazon](#).

Related Documents - B2S

	<p>BMAX Kids Tablet I9 Plus User Manual - Features and Operation</p> <p>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.</p>
	<p>BMAX MB01 Tablet PC User Manual</p> <p>User manual for the BMAX MB01 Tablet PC, covering appearance, features, settings, and FCC compliance information.</p>

	<p>BMAX B2 PLUS Mini PC User Manual and Warranty Information</p> <p>Comprehensive guide for the BMAX B2 PLUS Mini PC, covering setup, features, and warranty details. Includes multilingual instructions and technical specifications.</p>
	<p>BMAX Mini PC User Manual and Installation Guide</p> <p>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.</p>
	<p>BMAX Hoesjes en Screenprotectors: Perfecte Pasvorm en Optimale Bescherming</p> <p>Ontdek BMAX telefoonhoesjes, waaronder siliconen hardcases, carbon softcases en booktypes, ontworpen voor een perfecte pasvorm. Leer hoe u uw BMAX hoesje eenvoudig installeert voor optimale telefoonbescherming tegen krassen.</p>
	<p>BMAX Merchandising Refrigerator KXG-750 Product Specifications and Features</p> <p>Detailed overview of the BMAX Merchandising Refrigerator KXG-750, including core technology, flexible use applications, and comprehensive product specifications for various models.</p>