

Bmax B4 Plus

Bmax B4 Plus Mini PC User Manual

Model: B4 Plus | Brand: Bmax

1. PRODUCT OVERVIEW

The Bmax B4 Plus Mini PC is a compact and powerful desktop computer designed for various applications, from office work and home entertainment to light gaming and content creation. Featuring the latest Intel 12th Generation Alder Lake N100 processor, it offers efficient performance and versatile connectivity options.



Image: The Bmax B4 Plus Mini PC, showcasing its compact design and sleek black finish. Two units are shown, one upright and one lying flat, highlighting its small footprint.

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Video: An introductory video for the Bmax B4 Plus Mini PC, highlighting its key features, compact size, and various application scenarios.

2. KEY FEATURES

- **Processor:** Equipped with the latest 12th Generation Intel Alder Lake N100 CPU, offering a turbo frequency of up to 3.4 GHz for fast and efficient performance.
- **Graphics:** Integrated Intel UHD Graphics supporting 4K 60Hz triple-display output via HDMI and Type-C ports.
- **Memory & Storage:** Comes with 16GB high-speed DDR4 RAM and a 512GB SSD, providing ample space and quick data access. Expandable storage is supported.
- **Connectivity:** Features WiFi5 and Bluetooth 4.2 for wireless connections.
- **Ports:** Multiple interfaces including 2x USB 3.0, 2x USB 2.0, 2x HDMI 2.0, 1x Type-C (full features), 1x 3.5mm Stereo Headset Jack, 1x DC Jack, and 1x LAN (1000Mbps).
- **Operating System:** Pre-installed OS, also supports Linux and Ubuntu.
- **Compact Design:** Ultra-light and portable, with dimensions of approximately 4.4 inches (W) x 4.92 inches (L) x 1.73 inches (H) and weighing around 310g.



Image: A visual summary of the Bmax B4 Plus's core features, including the Intel 12th Gen Alder Lake N100 processor, 16GB DDR4 RAM, 512GB SSD, Intel UHD Graphics, HDMI 2.0 and Type-C for dual screen 4K output, Wi-Fi 5, and Built-in Bluetooth 4.2.

Pre installed OS

Support Linux(Ubuntu)/Tested Ubuntu
Triple-Display-Enjoy 4K@ 60Hz UHD Visual Feast



 Ubuntu

2*HDMI

1*Type-C

Image: A benchmark comparison showing the performance of the Intel N100 processor against Intel N95 and N5105, indicating its superior PassMark score.

Multi Ports For All Users

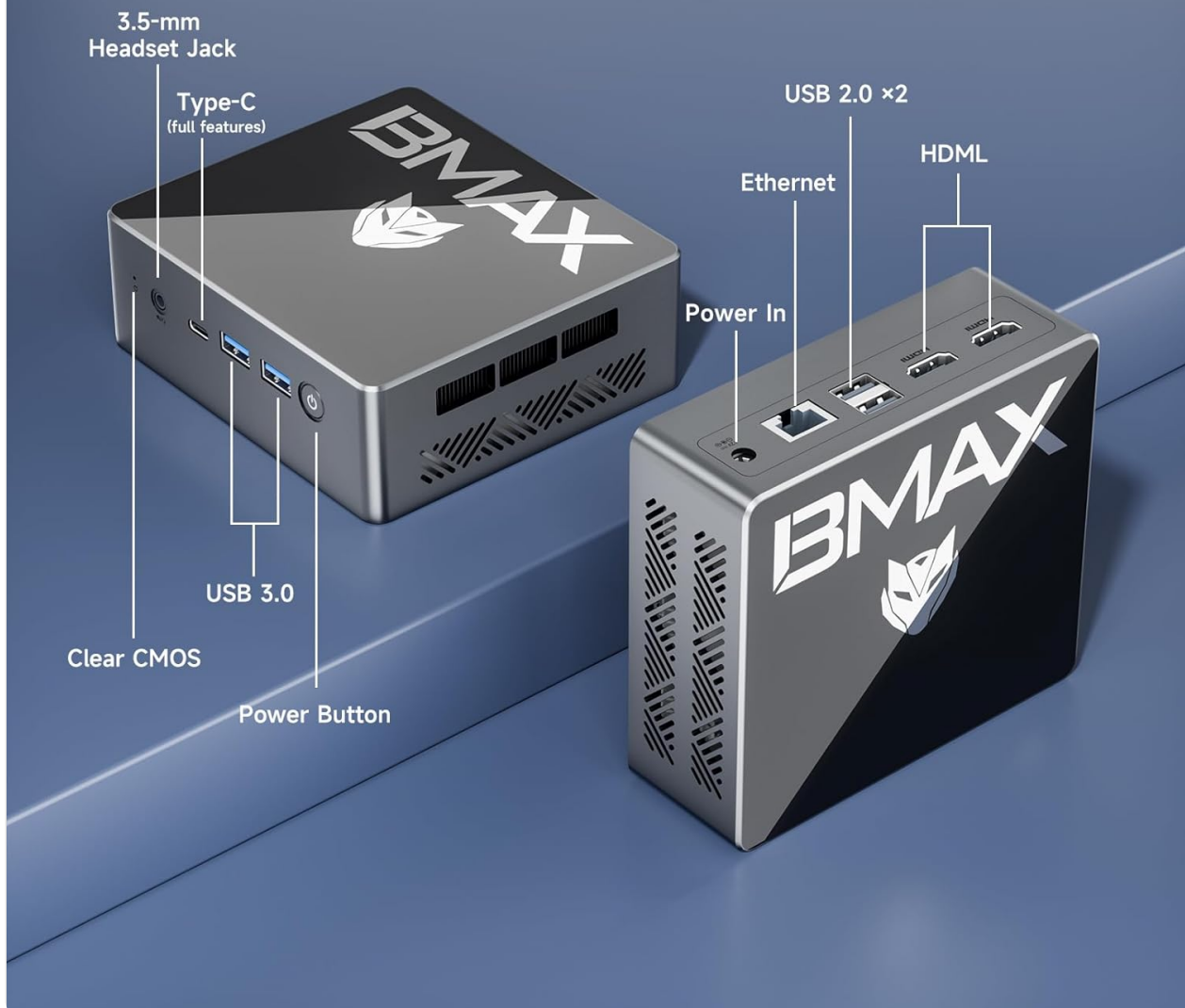


Image: An illustration detailing the various ports available on the Bmax B4 Plus Mini PC, including 3.5mm Headset Jack, Type-C, USB 3.0, Power Button, USB 2.0, Ethernet, HDMI, and Power In.



Image: A size comparison of the Bmax B4 Plus Mini PC next to a laptop and a smartphone, with its dimensions (4.4 inch W, 4.92 inch L, 1.73 inch H) and weight (310g) clearly marked.

3. WHAT'S IN THE BOX

Upon opening your Bmax B4 Plus Mini PC package, you should find the following items:

- 1 x B4 Plus MINI PC
- 1 x HDMI Cable
- 1 x User Manual (this document)
- 1 x US Power Adapter
- 1 x VESA Mount with Screws

4. SETUP GUIDE

4.1 Initial Connection

1. Connect your monitor(s) to the HDMI or Type-C ports on the Mini PC.
2. Connect your keyboard and mouse to the available USB ports.

3. Connect the power adapter to the DC Jack on the Mini PC and then to a power outlet.
4. Press the power button to turn on the Mini PC.

4.2 Storage Expansion (Optional)

The Bmax B4 Plus supports additional 2.5" SSD/HDD storage. Follow these steps to install an additional drive:

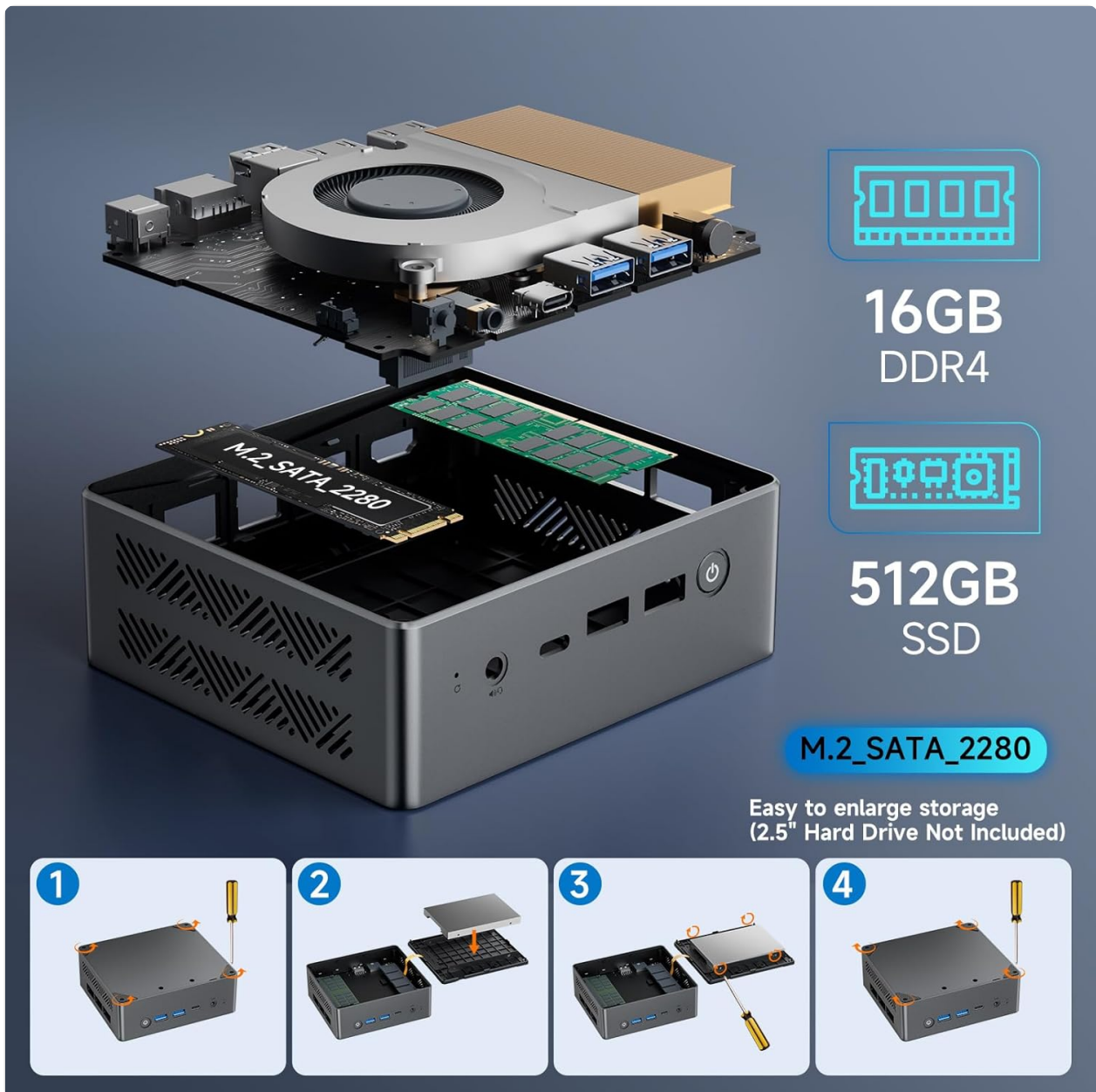


Image: A diagram illustrating the four steps to easily enlarge storage by installing a 2.5" HDD/SSD (not included) into the Bmax B4 Plus Mini PC.

1. Carefully remove the bottom cover of the Mini PC.
2. Locate the 2.5" drive bay.
3. Securely install your 2.5" SSD or HDD into the bay.
4. Replace the bottom cover.

5. OPERATING INSTRUCTIONS

5.1 Operating System

The Bmax B4 Plus Mini PC comes with an operating system pre-installed. It also supports other operating

systems such as Linux and Ubuntu, allowing for flexible usage based on your needs.

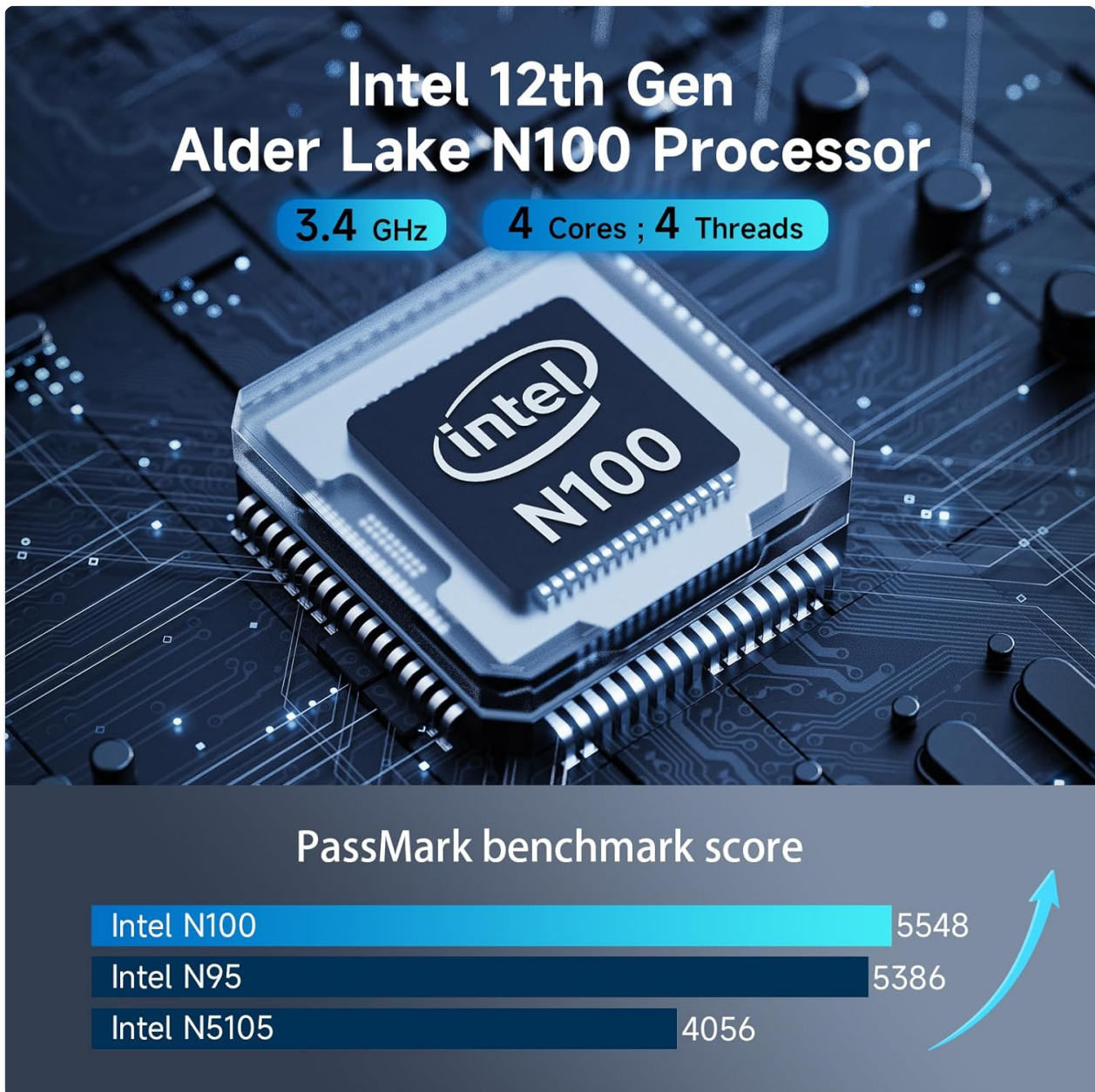


Image: A setup demonstrating the Bmax B4 Plus Mini PC connected to three monitors, showcasing its triple-display capability for a 4K@60Hz UHD visual experience, and indicating support for Ubuntu.

5.2 Triple-Display Setup

Utilize the HDMI and Type-C ports to connect up to three 4K displays simultaneously. This feature is ideal for multitasking, extended workspaces, or immersive entertainment setups.

5.3 Smart Recovery Environment

The Mini PC includes a unique Smart Recovery Environment, providing robust security and easy recovery options. This feature allows you to reset your system to factory settings, which can be useful in cases of OS crashes, slow response, or incorrect operations during OS upgrades.

Smart Recovery Enviroment

Strong security with easy recovery options

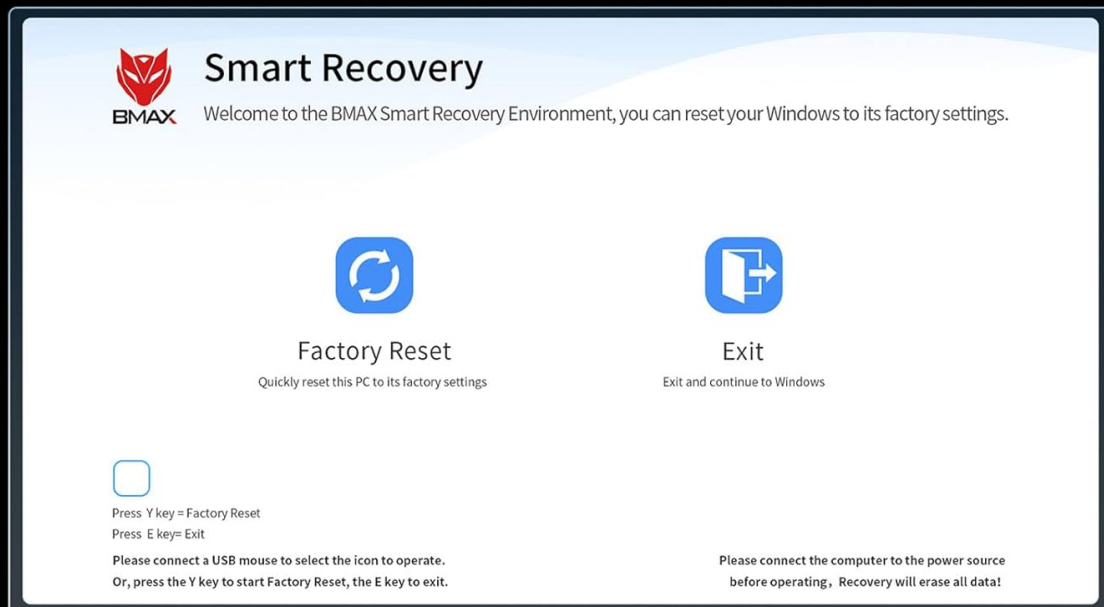


Image: A screenshot of the BMAX Smart Recovery Environment interface, showing options for "Factory Reset" and "Exit". It provides instructions for operation and a warning that recovery will erase all data.

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

6. MAINTENANCE

To ensure the longevity and optimal performance of your Bmax B4 Plus Mini PC, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Use compressed air to clear dust from ventilation openings to prevent overheating.
- **Ventilation:** Ensure the Mini PC is placed in a well-ventilated area. Do not block the air vents.
- **Software Updates:** Keep your operating system and drivers updated to the latest versions for improved performance and security.
- **Power Management:** Use the provided power adapter. Avoid frequent power interruptions.

7. TROUBLESHOOTING

If you encounter issues with your Bmax B4 Plus Mini PC, refer to the following common troubleshooting tips:

- **No Power:**
 - Check if the power adapter is securely connected to both the Mini PC and the power outlet.
 - Ensure the power outlet is functional.
- **No Display:**
 - Verify that the HDMI/Type-C cable is properly 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 cable or monitor if possible.
- **Slow Performance:**
 - Close unnecessary applications running in the background.
 - Check for sufficient free storage space on the SSD.
 - Run a system scan for malware or viruses.
 - Consider using the Smart Recovery Environment for a factory reset if performance issues persist (refer to Section 5.3).
- **Connectivity Issues (Wi-Fi/Bluetooth):**
 - Ensure Wi-Fi/Bluetooth is enabled in the operating system settings.
 - Restart your router/modem.
 - Update wireless drivers.

For more complex issues, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Bmax
Series	B4 Plus
Item Model Number	B4 Plus
Processor	Intel Alder Lake N100 (up to 3.4 GHz)
RAM	16GB DDR4
Hard Drive	512GB SSD (M.2 SATA 2280)
Graphics Coprocessor	Intel UHD Graphics
Max Screen Resolution	3840x2160 (4K)
USB 2.0 Ports	2
USB 3.0 Ports	2
Type-C Port	1 (full features)
HDMI Ports	2 (HDMI 2.0)

Feature	Detail
Operating System	Pre-installed OS (supports Linux, Ubuntu)
Item Weight	1.58 pounds (approx. 0.72 kg)
Package Dimensions	10.51 x 6.14 x 2.91 inches




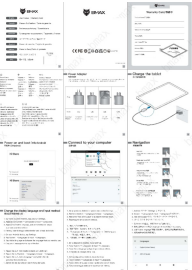
9. WARRANTY AND SUPPORT



BMAX is committed to providing excellent customer service. Your Bmax B4 Plus Mini PC comes with:

- **30-Day Return Policy:** You are eligible for a return within 30 days of purchase.
- **12-Month Warranty:** A 12-month warranty covers manufacturing defects and ensures product quality.
- **7x24 Hours Customer Service:** Dedicated one-to-one customer service is available around the clock to assist you with any inquiries or issues.

For support, please refer to the contact information provided in your product packaging or visit the official Bmax website.

Related Documents - B4 Plus

	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 MB01 Tablet PC User Manual User manual for the BMAX MB01 Tablet PC, covering appearance, features, settings, and FCC compliance information.
	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.

 <p>The image shows a brochure for the BMAX Merchandising Refrigerator KXG-750. It features the BMAX logo at the top left. The main title is 'Merchandising Refrigerator KXG-750'. Below this, there is a section titled 'CORE TECHNOLOGY' with icons for 'Eco-Friendly', 'Energy Efficient', 'Low Noise', and 'Long Life'. To the right of these icons is a large image of the refrigerator. Below the 'CORE TECHNOLOGY' section is a section titled 'FLEXIBLE USE OF VARIOUS OCCASIONS' with four small images showing the refrigerator in different settings: 'Home Use', 'Commercial Use', 'Hotel Use', and 'Office Use'. At the bottom left, there is a small text 'C E 49 CB'.</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>
 <p>The image shows a brochure for BMAX Phone Cases. It features the BMAX logo at the top left. The main title is 'BMAX Phone Cases: Perfect Fit & Optimal Protection Guide'. Below this, there is a section titled 'Perfectly protects' with a list of features: 'Shockproof', 'Scratchproof', 'Anti-fingerprint', 'Anti-static', 'Anti-bacterial', and 'Anti-radiation'. To the right of this list is a large image of a phone case. Below the 'Perfectly protects' section is a section titled 'How to play safely?' with a list of instructions: 'Avoid using the phone in the car', 'Avoid using the phone in the rain', 'Avoid using the phone in the snow', 'Avoid using the phone in the sun', 'Avoid using the phone in the wind', and 'Avoid using the phone in the dust'. At the bottom, there is a small text 'BMAX'.</p>	<p>BMAX Phone Cases: Perfect Fit & Optimal Protection Guide</p> <p>Explore BMAX phone cases, including silicone hard, carbon soft, booktype, and bookcase styles, all designed for a perfect fit. Learn installation tips and discover how BMAX cases provide optimal protection against scratches and drops, complementing BMAX screen protectors.</p>