

Bmax B3 Pro

Bmax B3Pro Mini PC User Manual

Model: B3 Pro

1. INTRODUCTION

Thank you for choosing the Bmax B3Pro Mini PC. This compact and powerful desktop computer is designed to provide seamless performance for work, entertainment, and various multimedia applications. Featuring an 11th Gen Intel Jasper Lake N5095 processor, 8GB of LPDDR4 RAM, and a 256GB SSD, the B3Pro delivers a swift and efficient computing experience. Its versatile connectivity options and dual 4K display support make it an ideal solution for both home and office environments.



Image: The Bmax B3Pro Mini PC, showcasing its compact design and sleek appearance.

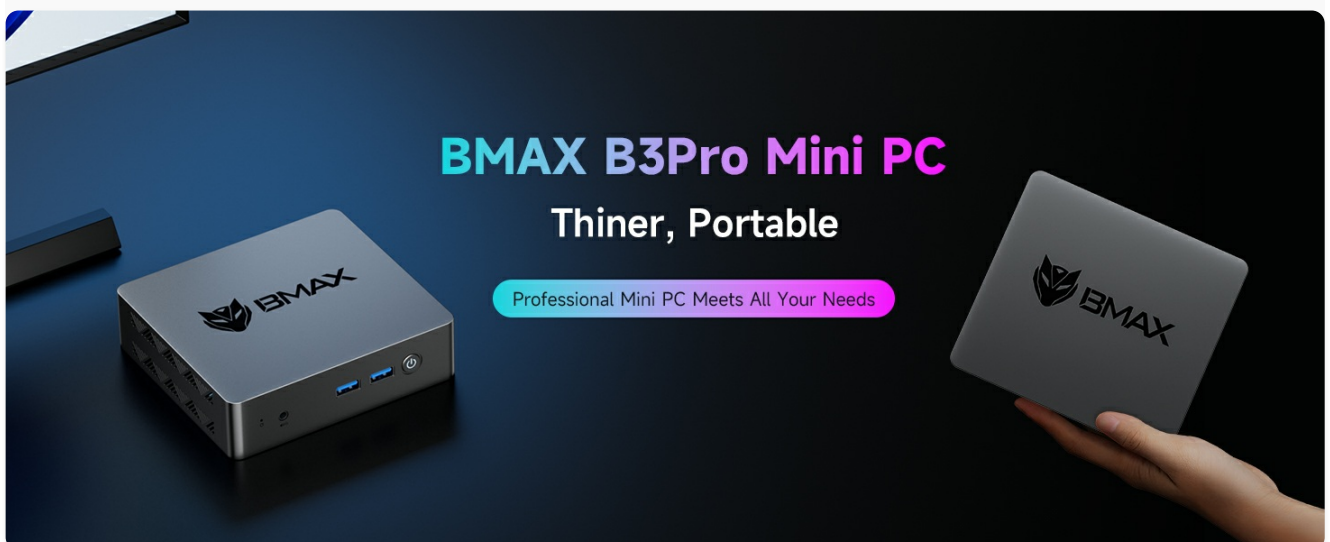


Image: The Bmax B3Pro Mini PC highlighting its thin and portable design, suitable for various settings.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x BMAX B3Pro 8GB+256GB Mini PC

- 1 x HDMI Cable
- 1 x US Power Adapter
- 1 x VESA Mount with Screws
- 1 x User Manual



Image: An illustration of the Bmax B3Pro Mini PC and its included accessories: HDMI cable, power adapter, VESA mount, and user manual.

3. SETUP GUIDE

3.1 Physical Connections

1. **Connect to Power:** Plug the US Power Adapter into the DC12V/2A port on the Mini PC and then into a power outlet.
2. **Connect to Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. The B3Pro supports dual 4K 60Hz displays via its two HDMI ports.
3. **Connect Peripherals:** Connect your keyboard and mouse to the available USB 3.0 (x2) or USB 2.0 (x2) ports.
4. **Network Connection:** For a wired connection, plug an Ethernet cable into the RJ45 port. For wireless, the device supports WiFi 5.
5. **Audio:** Connect headphones or speakers to the 3.5mm audio jack if needed.

Multi expansion interface

Meet the needs of multiple scenarios



Keyboard



TV



3D Printer



Projector



Monitor



Headphones

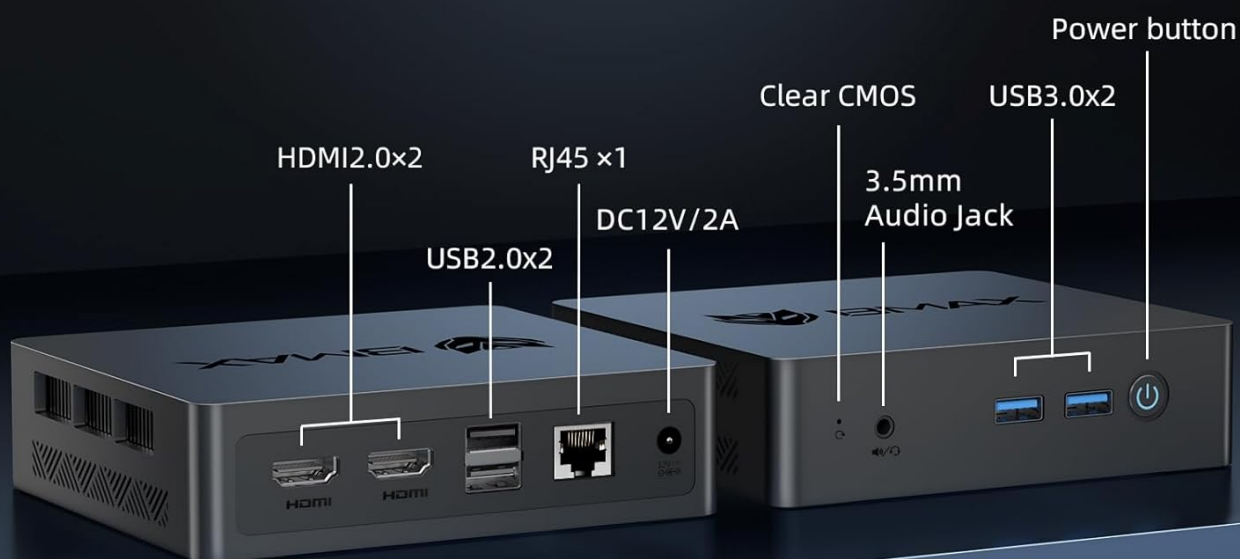


Image: A detailed view of the Bmax B3Pro Mini PC's multi-expansion interfaces, including HDMI, USB, RJ45, and audio ports.

Multi expansion interface

Meet the needs of multiple scenarios

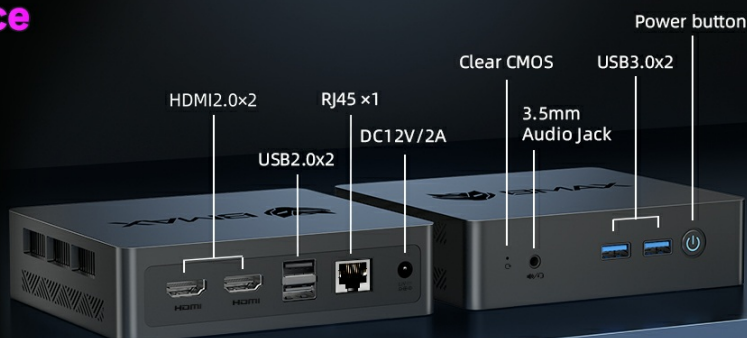


Image: An overview of the Bmax B3Pro Mini PC's various ports and their compatibility with different devices like monitors, projectors, and printers.

3.2 Initial Boot

Press the power button located on the front of the Mini PC. The system will boot up, and you will be guided through the initial operating system setup process.

3.3 VESA Mounting

The B3Pro includes a VESA mount, allowing you to attach it to the back of a compatible monitor or wall, saving desk space. Use the provided screws to secure the mount to the Mini PC and then to the VESA holes on your monitor or wall bracket.



Image: Demonstrates how the Bmax B3Pro Mini PC can be mounted behind a monitor or placed on a desk to save space.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **Power On:** Press the power button once.
- **Power Off:** Access the operating system's shutdown menu or press and hold the power button for 5 seconds.

4.2 Performance and Storage

The B3Pro is equipped with an 11th Gen Intel Jasper Lake N5095 processor (2.0GHz base, up to 2.9GHz burst), 8GB LPDDR4 RAM, and a 256GB SSD. This configuration ensures smooth multitasking and quick application loading. The SSD offers read speeds exceeding 500MB/s, enhancing overall system responsiveness. The 256GB SSD is upgradeable up to 2TB (SSD not included).

11th Gen Intel Jasper Lake N5095



4 Cores,
4 Threads

2.9GHz
Burst Frequency

2.0GHz
Base Frequency

8GB
LPDDR4

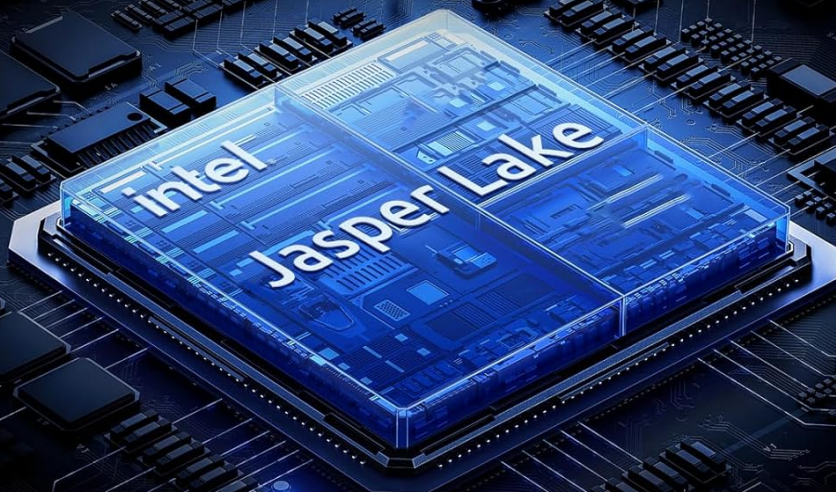
256GB
SSD

Image: Details of the 11th Gen Intel Jasper Lake N5095 processor, highlighting its 4 cores, 2.9GHz burst frequency, 2.0GHz base frequency, 8GB LPDDR4 RAM, and 256GB SSD.

11th Gen Intel Jasper Lake N5095

4 Cores 4 Threads

Great Performance



Up to
2.9GHz



Intel UHD
Graphics



8GB
LPDDR4



256GB
SSD



Wi-Fi
5



Built-in
Bluetooth 5.0

PassMark Benchmark Score



66.8%

N5095 provides 66.8%
improvement over
N4120 processor

N5095

N4120

4124

2473

Image: Performance benchmarks for the 11th Gen Intel Jasper Lake N5095 processor, showing its specifications and a PassMark score comparison.

4.3 Wireless Connectivity

- **WiFi 5:** Connect to wireless networks for internet access.
- **Bluetooth 5.0:** Pair with various wireless devices such as headphones, speakers, or game controllers.



Image: The Bmax B3Pro Mini PC connected to an Ethernet cable, illustrating its capability for high-speed internet surfing at 1000 Mbps.

4.4 Dual Screen Display

Leverage the Intel UHD graphics to connect two monitors simultaneously, supporting resolutions up to 4K at 60Hz. This feature is ideal for enhanced productivity and immersive multimedia experiences.



Image: A setup showing the Bmax B3Pro Mini PC connected to two monitors, demonstrating its dual 4K display capability for various tasks.



Image: A home office setup featuring the Bmax B3Pro Mini PC connected to two monitors, illustrating its suitability for productivity.

4.5 Usage Scenarios

Multi-Purpose, work & life



Online Conference



Office Work



Home theater



Graphic Design



Image: Various applications of the Bmax B3Pro Mini PC, including online conferencing, office work, home theater, and graphic

design.

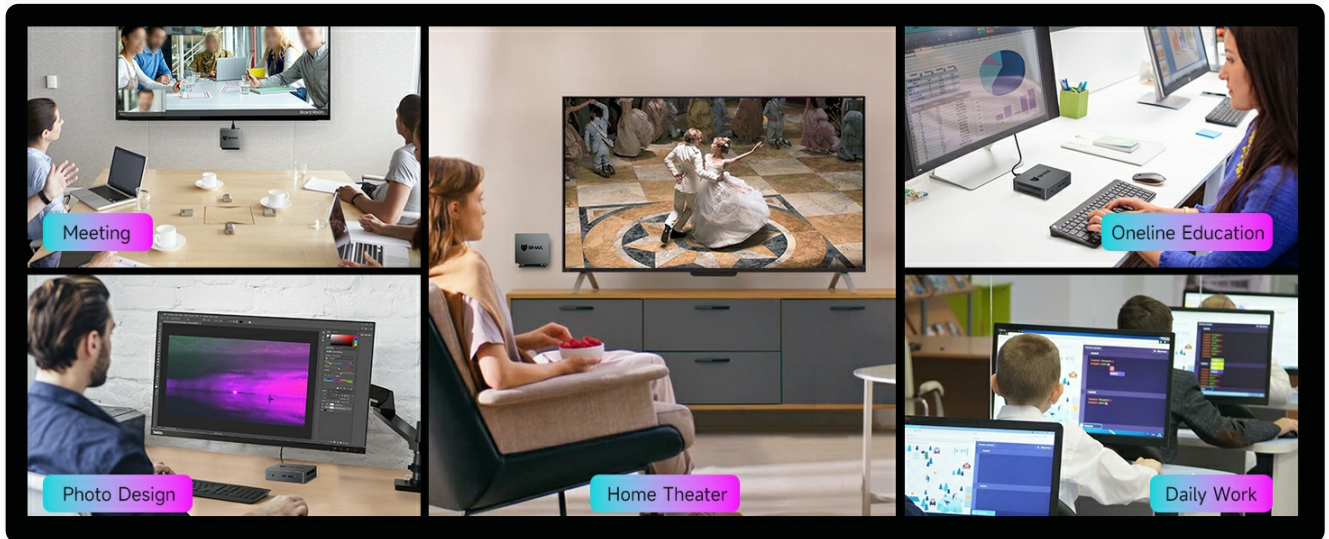


Image: A collage demonstrating the Bmax B3Pro Mini PC's versatility across different environments, such as meetings, online education, photo design, home theater, and daily work.

5. MAINTENANCE

5.1 Cooling System

The B3Pro features a built-in smart cooling fan designed for efficient, quiet, and reliable heat dissipation, ensuring stable performance even under load.

Built-in Smart Cooling Fan

providing efficient, quiet, and reliable cooling

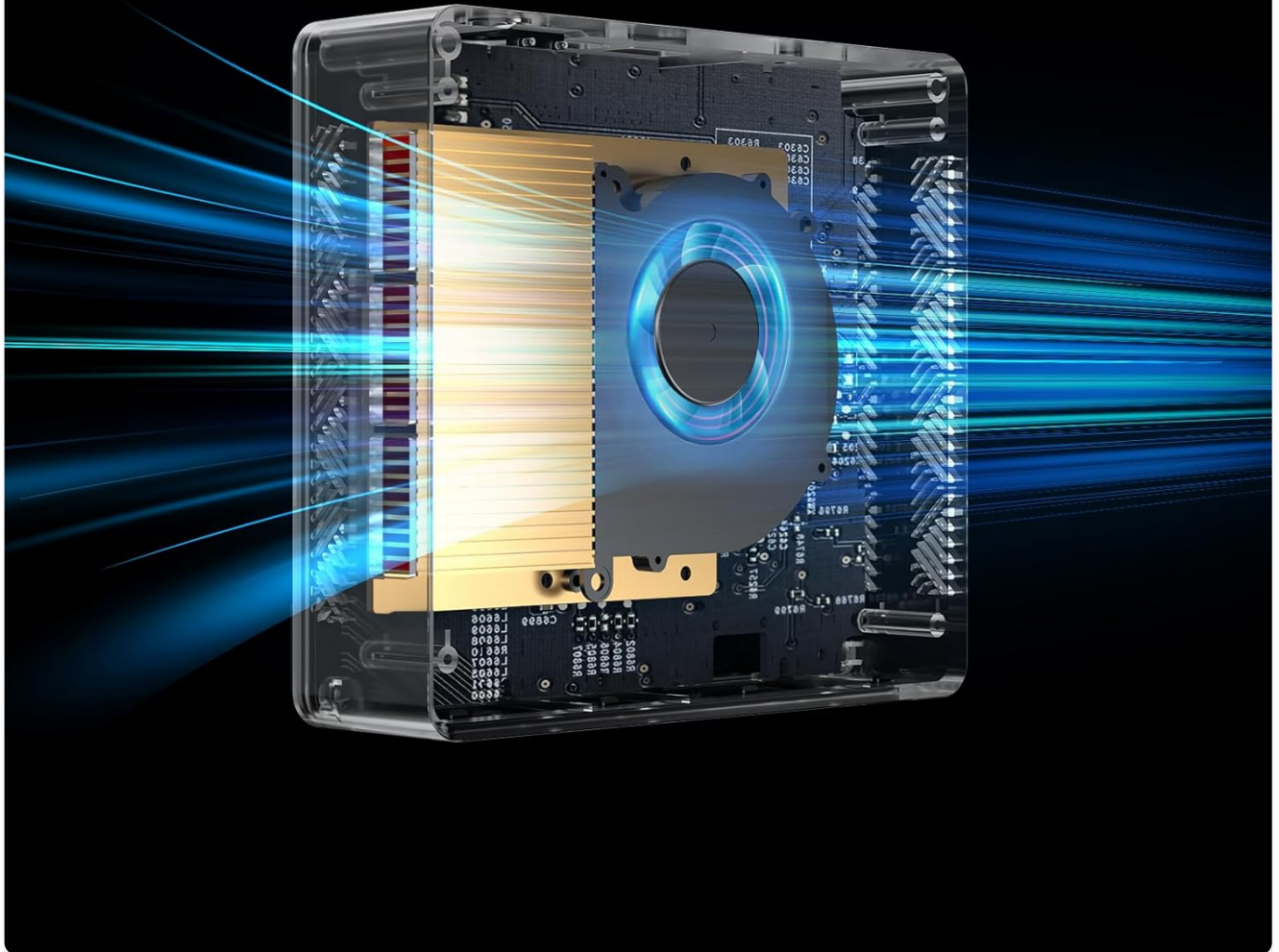


Image: An internal view of the Bmax B3Pro Mini PC, highlighting the built-in smart cooling fan and its airflow path.

Built-in Smart Cooling Fan

providing efficient, quiet, and reliable cooling



Image: A diagram illustrating the efficient heat dissipation process within the Bmax B3Pro Mini PC, contributing to a silent working environment.

5.2 Cleaning

To maintain optimal performance, regularly clean the exterior of the Mini PC with a soft, dry cloth. Ensure ventilation openings are free from dust accumulation. Do not use liquid cleaners directly on the device.

5.3 Software Updates

Keep your operating system and drivers updated to ensure system stability, security, and optimal performance. Refer to your operating system's documentation for update procedures.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- **No Display:** Check HDMI cable connections to both the Mini PC and the monitor. Ensure the monitor is set to the correct input source.
- **No Internet Connection:** For wired connections, check the Ethernet cable. For WiFi, ensure the WiFi adapter is enabled and connected to the correct network.
- **Slow Performance:** Close unnecessary applications, check for background processes, and ensure sufficient free storage space.

6.2 One-Click Smart Recovery

The BMAX Mini-PCs offer a one-click smart recovery feature. This allows for a swift return to production within minutes, providing a comprehensive reset (restore/reinstall/update) option for your system. Consult the operating system's recovery options for detailed instructions.

7. SPECIFICATIONS

Feature	Specification
Brand	Bmax
Model	B3 Pro
Processor	11th Gen Intel Jasper Lake N5095 (2.0GHz base, up to 2.9GHz)
Cores/Threads	4 Cores / 4 Threads
RAM	8GB LPDDR4
Storage	256GB SSD (upgradeable up to 2TB SSD)
Graphics	Intel UHD Graphics
Display Output	Dual HDMI 4K @ 60Hz
USB Ports	2 x USB 3.0, 2 x USB 2.0
Network	RJ45 (Ethernet 10/100/1000), WiFi 5
Wireless	Bluetooth 5.0

Feature	Specification
Audio Interface	1 x 3.5mm Audio Jack
Operating System	OS (Pre-installed)
Item Weight	1.5 pounds
Dimensions	11.1 x 6.1 x 2.95 inches (Package)



Image: The compact dimensions of the Bmax B3Pro Mini PC (4.9 inch x 4.4 inch x 1.3 inch) compared to a smartphone and a traditional desktop PC.

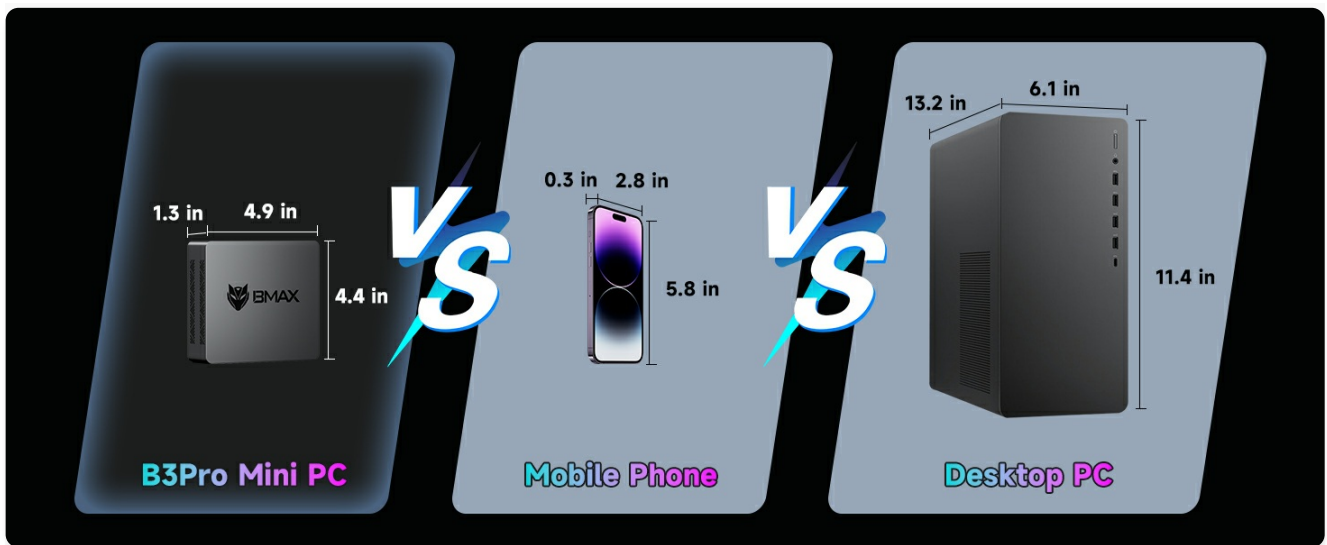


Image: A visual comparison of the B3Pro Mini PC's size against a mobile phone and a standard desktop PC, emphasizing its compact nature.

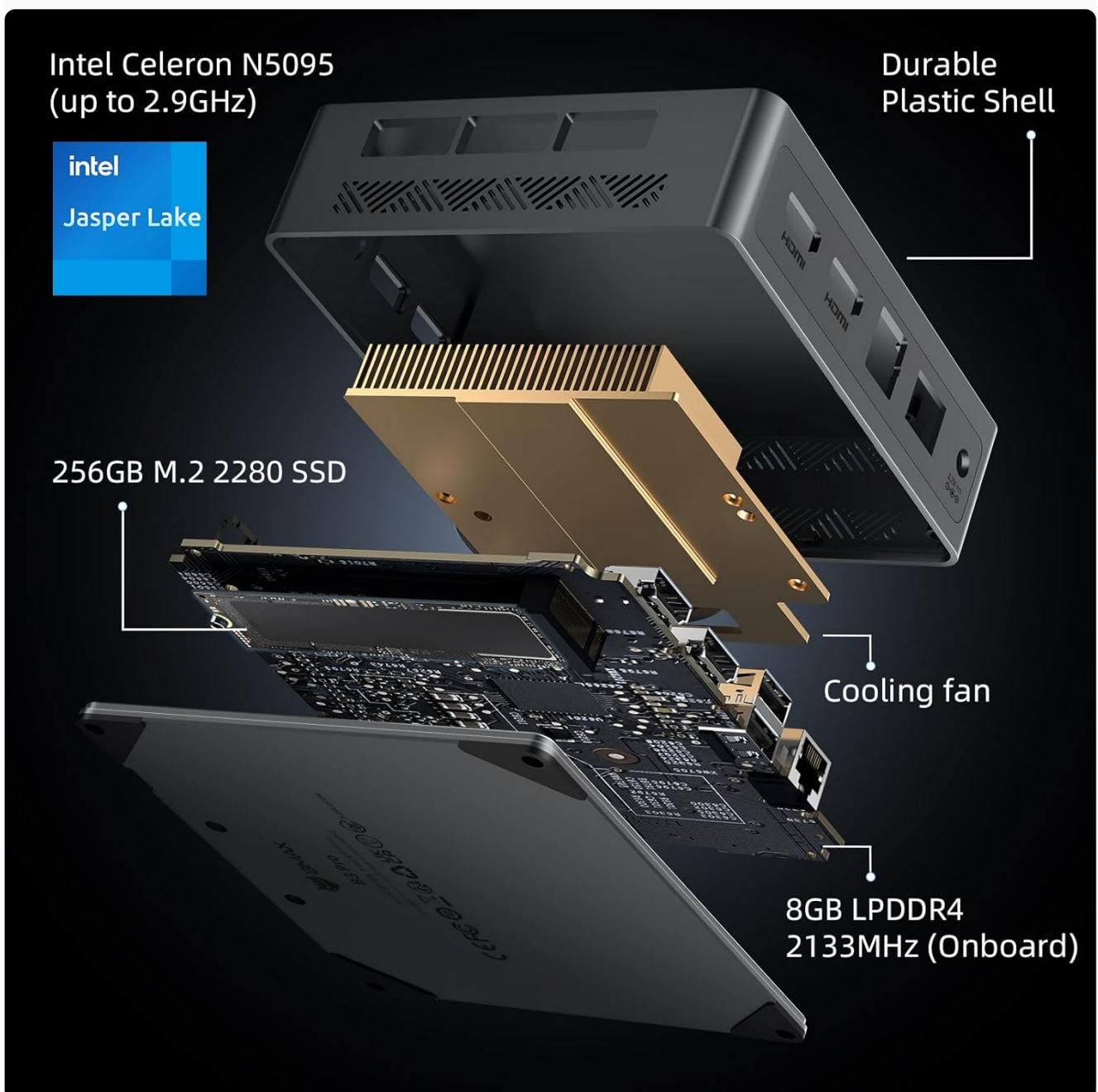


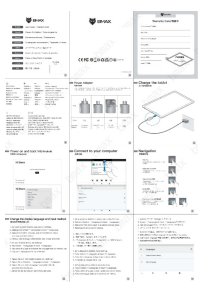

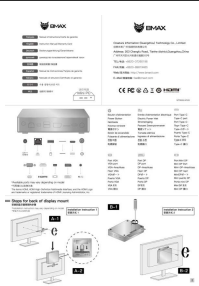

Image: An exploded view of the Bmax B3Pro Mini PC, showing its internal components including the Intel Celeron N5095 processor, 256GB M.2 2280 SSD, 8GB LPDDR4 RAM, and cooling fan.

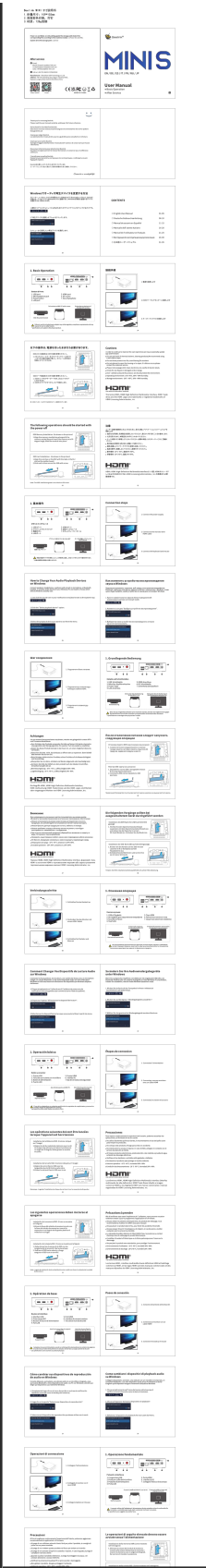

8. WARRANTY AND SUPPORT

BMAX Mini-PCs come with a 12-month warranty from the date of purchase. We also offer a 30-day no-questions-asked return policy. For any issues or inquiries, our customer service team is available 7 days a week, 24 hours a day. Please contact us via email for assistance.

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Related Documents - B3 Pro

	<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 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 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 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>Beelink MINI S12 Mini PC User Guide and Specifications</p> <p>Explore the features, specifications, and connectivity options of the Beelink MINI S12 mini PC. This guide provides detailed information on its Intel Celeron N5095 processor, dual display support, and various ports.</p>
	<p>Beelink Mini PC Auto Power On Configuration Guide</p> <p>Instructions on how to enable the automatic power-on feature for Beelink Mini PCs using either BIOS settings or a hardware jumper.</p>



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