Bmax B3

Bmax B3 Mini PC User Manual

Model: B3

Brand: Bmax

1. Introduction

This user manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Bmax B3 Mini PC. Designed for business, office, and home use, this compact desktop computer offers powerful performance with its 11th Gen Intel N5095 processor, 8GB DDR4 RAM, and 256GB SSD. It supports 4K dual screen display and features convenient connectivity options.



Figure 1.1: Bmax B3 Mini PC, showcasing its compact design and sleek appearance.

2. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x B3 MINI PC
- 1 x Power Adapter
- 1 x User Guide
- 1 x HDMI cable
- 1 x Metal Bracket

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Video 2.1: Unboxing the Bmax B3 Mini PC, showing all included components.

3. Product Overview

Familiarize yourself with the various features and components of your Bmax B3 Mini PC.

3.1 Front and Side Ports

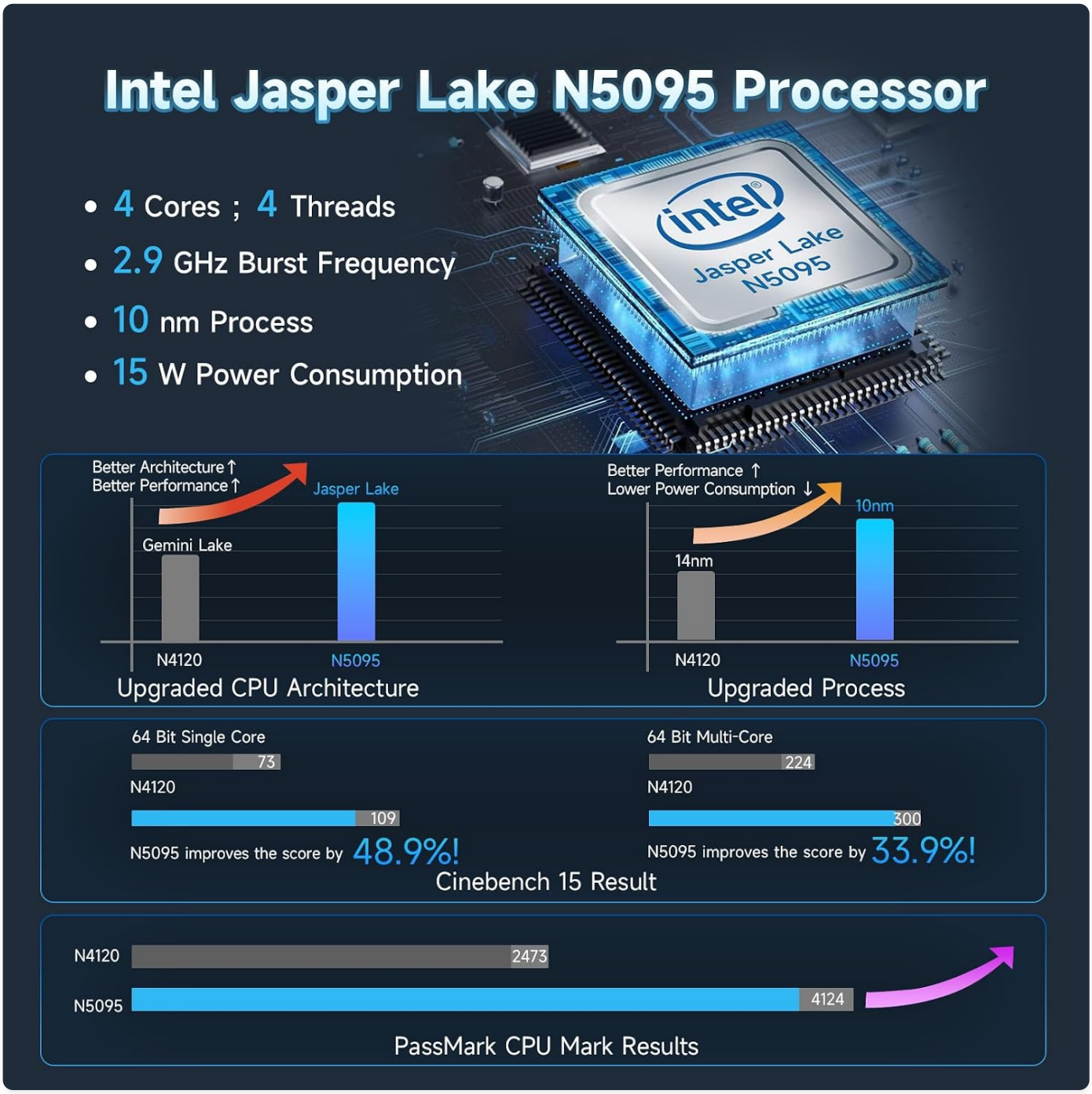


Figure 3.1: Detailed view of the Bmax B3 Mini PC's front and side ports.

- **Power Button:** Used to turn the device on or off.
- **USB 3.0 Ports (x2 front, x2 side):** For connecting high-speed USB devices.
- **3.5mm Audio Interface (x1):** For connecting headphones or speakers.
- **Micro SD Card Reader (x1):** For reading data from Micro SD cards.
- **Clear CMOS Button:** Used to reset BIOS settings.

3.2 Rear Ports

- **RJ45 Ethernet Ports (x2):** For wired network connection.
- **HDMI 2.0 Ports (x2):** Supports 4K 60Hz dual screen display.
- **Power In:** Connects to the power adapter.

3.3 Internal Components and Upgradeability

The Bmax B3 Mini PC features an innovative push-cover design, allowing for easy access to internal components for

upgrades.



Figure 3.2: The push-cover design allows for convenient access to upgrade RAM or replace the SSD.

- **M.2 SATA SSD:** Comes with 256GB pre-installed, with support for DIY upgrades to more than 1TB SSD (not included).
- **LPDDR4 RAM:** Equipped with 8GB LPDDR4.

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Video 3.1: An introductory overview of the B3 Mini PC's features and design.

3.4 Processor and Graphics

The Bmax B3 Mini PC is powered by the 11th Gen Jasper Lake N5095 processor, offering enhanced performance and efficient power consumption.



Figure 3.3: Visual representation of the Intel Jasper Lake N5095 processor and its specifications.

- **Processor:** 11th Gen Jasper Lake N5095 (4Core/4Threads, up to 2.9GHz, 4MB L3 Cache).
- **Graphics:** Integrated Intel UHD Graphics (up to 750 MHz), supporting 4K 60Hz output.

3.5 Dual Screen Display

Experience enhanced productivity and entertainment with dual 4K display support.



Figure 3.4: The Bmax B3 Mini PC supporting a dual 4K UHD display setup.

4. Setup

Follow these steps to set up your Bmax B3 Mini PC for the first time.

4.1 Connecting Peripherals

1. Connect your monitor(s) to the HDMI ports on the back of the Mini PC using the provided HDMI cable.
2. Connect your keyboard and mouse to the available USB 3.0 ports.
3. If using a wired network, connect an Ethernet cable to one of the RJ45 ports.
4. Connect the power adapter to the 'Power In' port on the Mini PC, then plug it into a power outlet.

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Video 4.1: Instructions on how to enable auto power-on for the B3 Mini PC via BIOS settings.

4.2 First Boot and OS Configuration

The Mini PC comes with an operating system pre-installed. Upon first boot, you may be guided through initial setup steps for the OS, such as language selection, network connection, and user account creation.

5. Operating Instructions

This section covers the basic operation of your Bmax B3 Mini PC.

5.1 Power On/Off

- **To Power On:** Press the power button on the front of the device. The power indicator light will illuminate.
- **To Power Off:** Use the operating system's shutdown function. Alternatively, press and hold the power button for a few seconds for a forced shutdown (only recommended if the system is unresponsive).

5.2 Connecting to Network

- **Wired Connection:** Connect an Ethernet cable to one of the RJ45 ports. The system should automatically detect the connection.
- **Wireless Connection (WiFi5):** Access the network settings in your operating system to connect to an available Wi-Fi network.

5.3 Using Bluetooth Devices

The Mini PC supports Bluetooth 4.2, allowing easy connection to various wireless devices.

- Enable Bluetooth in your operating system settings.
- Search for and pair with Bluetooth-enabled devices such as keyboards, mice, speakers, or microphones within an 8-meter range.

6. Maintenance and Upgrades

Regular maintenance and potential upgrades can enhance the longevity and performance of your Mini PC.

6.1 Storage Expansion

The Bmax B3 Mini PC features a sliding cover design that allows for easy installation of a 2.5-inch HDD/SSD without the need for screws. This provides convenient options for expanding your storage capacity.

6.2 System Updates

To ensure optimal performance and security, keep your operating system and drivers updated. When performing updates, ensure your computer is connected to a stable network, preferably a wired connection, to avoid interruptions.

7. Troubleshooting

This section addresses common issues you might encounter with your Bmax B3 Mini PC.

7.1 One-Click Recovery

The Bmax Mini PC offers a one-click smart recovery feature, allowing you to quickly return the system to its factory settings. This is the most comprehensive reset option (restore/reinstall/update) and can resolve many software-related issues. Please note that recovery will erase all data.

7.2 General Troubleshooting Tips

- **No Display:** Ensure all HDMI cables are securely connected and the monitor is powered on and set to the correct input source.
- **No Power:** Verify the power adapter is correctly connected to the Mini PC and the power outlet.
- **Slow Performance:** Check for background applications, ensure sufficient free storage space, and consider performing system updates or a one-click recovery if issues persist.

7.3 Contacting Support

If you encounter issues not covered in this manual, or require further assistance, please contact our IT team or customer service for support.

8. Technical Specifications

Below are the detailed technical specifications for the Bmax B3 Mini PC.

Feature	Specification
Brand	Bmax
Series	B3
Item Model Number	B3
Hardware Platform	PC
Operating System	OS (Preinstalled, supports Linux, Ubuntu)
Color	Grey
Item Weight	1.5 pounds
Package Dimensions	11.02 x 6.18 x 2.99 inches
Processor Brand	Intel
Processor Type	11th Gen Jasper Lake N5095 (4Core/4Threads)
Processor Speed	Up to 2.9 GHz
Number of Processors	4
RAM	8 GB DDR4
Computer Memory Type	DDR4 SDRAM
Hard Drive	256 GB SSD (M.2 SATA)
Hard Drive Interface	Serial ATA
Graphics Coprocessor	Intel UHD Graphics
Graphics Card Description	Integrated
Max Screen Resolution	3840 x 2160 pixels (4K)

Feature	Specification
Wireless Type	WiFi5, Bluetooth 4.2
USB 3.0 Ports	4
HDMI Ports	2 (HDMI 2.0)
Ethernet Ports	2 (RJ45)
Audio Interface	1 (3.5mm)
Micro SD Card Reader	1

9. Warranty and Support

Bmax is committed to providing excellent customer service and product support.

9.1 Warranty Information

- Your Bmax Mini PC comes with a **12-month warranty** covering quality issues.
- We offer a **30-day free return or replacement** for quality defects.

9.2 Customer Support

- We provide **7x24 hours one-to-one customer service**.
- Enjoy **lifetime technical support** for your Bmax Mini PC.
- For inquiries, system updates, or troubleshooting assistance, please contact our IT team.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question