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BOSGAME B95

BOSGAME Mini PC B95 User Manual

Model: B95

1. INTRODUCTION

The BOSGAME Mini PC B95 is a compact desktop computer designed for various applications including office work, 4K video playback, online education, and design. It features an Intel 12th Gen Alder Lake-N95 processor, 8GB DDR4 RAM, and a 256GB NVMe SSD, offering efficient performance in a small form factor.

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your BOSGAME Mini PC B95.

2. WHAT'S IN THE Box

Upon unboxing your BOSGAME Mini PC B95, please verify that all the following items are included:

- BOSGAME Mini PC B95 Unit
- Power Adapter
- HDMI Cable
- VESA Mount Bracket with Screws
- User Manual (this document)
- SATA Cable (for 2.5-inch HDD/SSD expansion)



Image: The BOSGAME Mini PC B95 main unit.



Image: Included accessories for the BOSGAME Mini PC B95, including power adapter, HDMI cable, and VESA mount.

3. SETUP GUIDE

3.1 Connecting to a Display

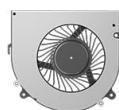
The BOSGAME Mini PC B95 supports triple display output via two HDMI ports and one full-function USB-C port. Ensure your display cables are securely connected.

1. Connect one end of the HDMI cable to an HDMI port on the Mini PC.
2. Connect the other end of the HDMI cable to an HDMI input on your monitor or TV.
3. For additional displays, repeat step 1 and 2 for the second HDMI port, or connect a compatible USB-C display to the USB-C port.

Efficient heat dissipation



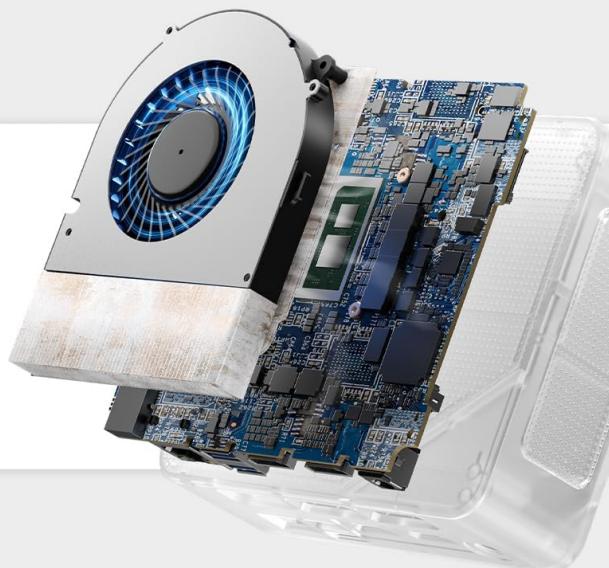
Efficient and stable heat dissipation system, quiet operation



Cooling Fan



Heat Conduits



52-63°C

Illustrator

52-61°C

CorelDRAW

51-60°C

Word

54-66°C

Photoshop

58-67°C

Dreamweaver

48-58°C

Excel

*Different configurations and environments may lead to different temperatures

Image: The Mini PC connected to a 4K display, demonstrating its video output capability.



Image: A triple display setup with the BOSGAME Mini PC B95, utilizing two HDMI ports and one USB-C port.

3.2 Powering On

1. Connect the power adapter to the DC-in port on the Mini PC.

2. Plug the power adapter into a power outlet.
3. Press the power button located on the front of the Mini PC. The power indicator light will illuminate.

3.3 VESA Mounting

The Mini PC can be mounted to the back of a VESA-compatible monitor or to a wall using the included VESA mount bracket.

1. Attach the VESA mount bracket to the back of your display using a screwdriver and the provided screws. Ensure it is securely fastened to the VESA mounting holes.
2. Align the back of the Mini PC with the corresponding part of the bracket and use screws or other fastening devices to fix it onto the bracket.

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Video: Instructions on how to install the wall bracket for the Mini PC.

4. OPERATING INSTRUCTIONS

4.1 Initial Operating System Setup

The BOSGAME Mini PC B95 comes pre-installed with Windows 11 Pro. Upon the first boot, you will be guided through the initial Windows setup process. Follow the on-screen instructions to configure your language, region, network, and user account settings.

4.2 Storage Expansion

The Mini PC includes a built-in 256GB NVMe SSD. For additional storage, you can expand it by adding a 2.5-inch 7mm HDD or SSD, or by replacing the existing M.2 2280 NVMe SSD with a larger one.

1. Carefully open the bottom cover of the Mini PC.
2. Locate the SATA data and power cable inside the chassis.
3. Connect the SATA cable to your 2.5-inch HDD/SSD.
4. Secure the new drive within the designated bay and reattach the bottom cover.

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Video: Detailed instructions on how to install a SATA HDD/SSD on the B95 Mini PC.

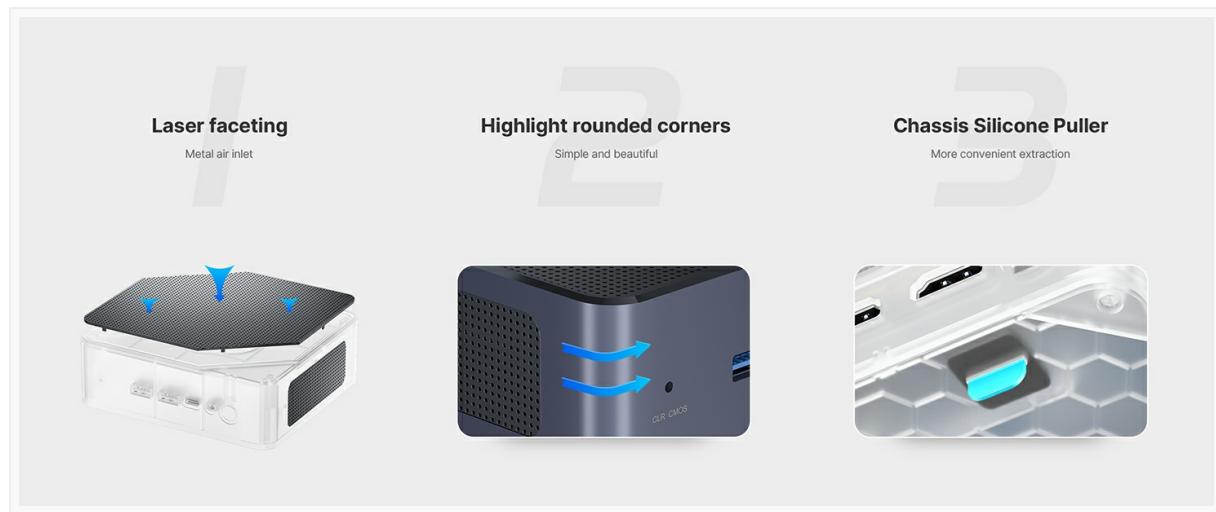


Image: Internal view of the Mini PC, highlighting the 8GB DDR4 RAM and 256GB NVMe SSD, indicating upgradeability.

4.3 Network Connectivity

The Mini PC offers both wired and wireless network options:

- **Wired:** Connect an Ethernet cable to the 2.5G RJ45 LAN port for high-speed wired internet access.
- **Wireless:** The device is equipped with Dual Band Wi-Fi 5 for wireless internet connectivity. Configure Wi-Fi settings

through the Windows operating system.

- **Bluetooth:** Bluetooth 5.0 is integrated for connecting wireless peripherals such as keyboards, mice, and headphones.

5. MAINTENANCE

To ensure optimal performance and longevity of your BOSGAME Mini PC B95, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Use compressed air to gently clear dust from the ventilation grilles to maintain efficient heat dissipation.
- **Software Updates:** Keep your Windows operating system and drivers updated to ensure system stability and security.
- **Environmental Conditions:** Operate the Mini PC in a well-ventilated area, away from direct sunlight, heat sources, and excessive moisture.

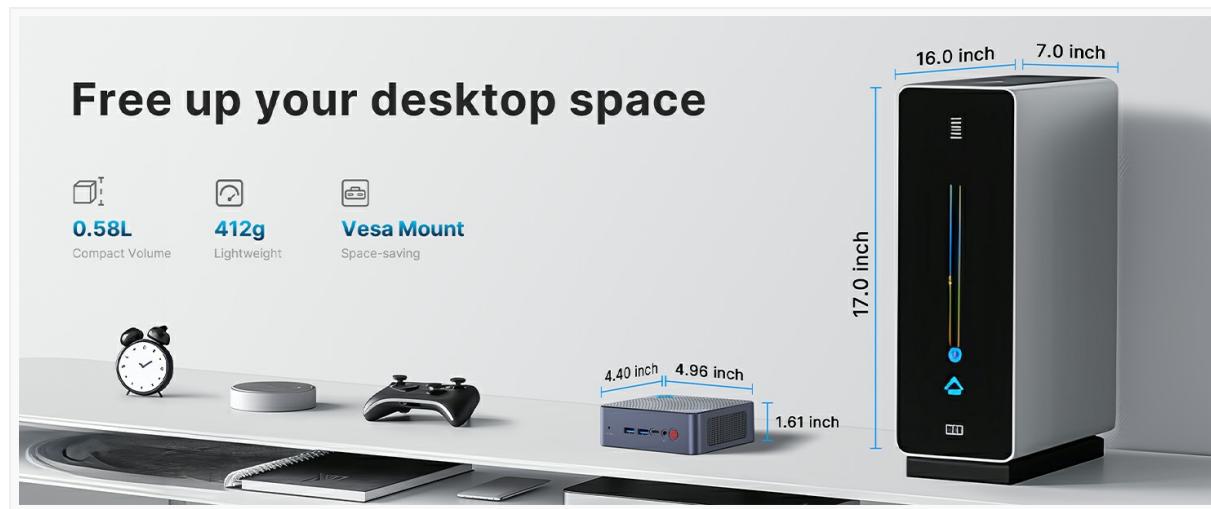


Image: Diagram illustrating the efficient heat dissipation system of the Mini PC, including a cooling fan and heat conduits.

6. TROUBLESHOOTING

If you encounter issues with your BOSGAME Mini PC B95, refer to the following common troubleshooting steps:

- **No Display:**
 - Ensure all display cables (HDMI, USB-C) are securely connected to both the Mini PC and the monitor.
 - Verify the monitor is powered on and set to the correct input source.
 - Try a different display cable or monitor to rule out faulty hardware.
- **No Power:**
 - Check that the power adapter is firmly connected to the Mini PC and the power outlet.
 - Ensure the power outlet is functional.
 - Press the power button firmly.
- **Network Connectivity Issues:**
 - For wired connections, ensure the Ethernet cable is properly connected and your router/modem is working.
 - For Wi-Fi, check if Wi-Fi is enabled in Windows settings and try reconnecting to your network.
 - Restart your router/modem and the Mini PC.
- **Slow Performance:**
 - Close unnecessary applications running in the background.
 - Ensure Windows and drivers are up to date.

- Check disk usage and free up space if necessary.

7. SPECIFICATIONS

Feature	Detail
Processor	Intel 12th Gen Alder Lake-N95 (4C/4T, 6M Smart Cache, up to 3.4GHz)
RAM	8GB DDR4 (Single Channel)
Storage	256GB NVMe SSD (M.2 2280)
Expandable Storage	Supports 2.5-inch 7mm HDD/SSD
Graphics	Intel UHD Graphics
Video Output	2 x HDMI 2.0, 1 x Full-function USB-C (Triple Display, 4K@60Hz)
USB Ports	4 x USB 3.2 ports
Network	2.5G RJ45 LAN, Wi-Fi 5 (802.11ac), Bluetooth 5.0
Audio	3.5mm Audio Jack (supports microphone)
Operating System	Windows 11 Pro 64-Bit (pre-installed)
Dimensions	4.96 x 4.41 x 1.61 inches
Weight	12.8 ounces

Product Specification

Dimension	Network	Internal Slot
4.96*4.41*1.61 in(126*112*41 mm)	Wi-Fi 2.4G/5G Bluetooth: 4.2	SATA HDD/SSD (2.5 inch7mm) Slot*1
CPU	GPU	Adapter
Intel Alder Lake-N N95 Processor Max Turbo Frequency 3.4GHz (4C/4T) 6 MB Smart Cache	Intel UHD Graphics 1.20 GHz(16EU)	12V-3A Certification Input: 100-240V AC, 50/60Hz , Output: 12V 3A
Additional function	Interface	
WOL AUTO POWER ON	USB3.2 *2 (Gen1 5Gbps ,5V/1A,front) 2.5G RJ45 LAN *1 5.5*2.5mm DC Jack*1	USB-C(4K@60Hz)*1 USB3.2 *2 (Gen2 10Gbps ,5V/1A,backside) HDMI2.0(4K@60Hz)*2 3.5mm Combo Jack *1

Image: A detailed table of product specifications for the BOSGAME Mini PC B95.

8. WARRANTY AND SUPPORT

BOSGAME offers a 1-year warranty for the Mini PC B95. Additionally, lifetime technical support is provided 24/7. For technical assistance or warranty claims, please contact BOSGAME support:

- Email:** support@bosgamepc.com (Replies typically within working days)
- Amazon Support:** Log in to your Amazon buyer account, find your order, click "Get Help," and then ask a question.

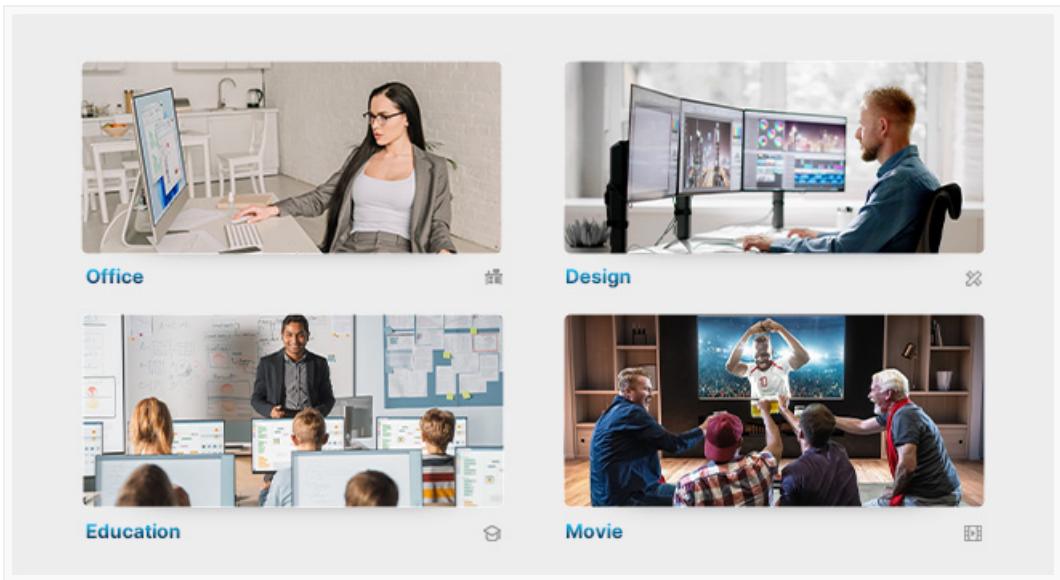


Image: BOSGAME customer support contact details for after-sales service.