Blackview MP80

Blackview MP80 Mini PC User Manual

Model: MP80 | Brand: Blackview

1. INTRODUCTION

This user manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Blackview MP80 Mini PC. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

The Blackview MP80 Mini PC is a compact and powerful desktop computer designed for various applications, including office work, 4K video playback, online education, and design. It features an Intel Alder Lake N97 processor, 16GB LPDDR5 RAM, and a 512GB M.2 SSD, offering efficient performance and ample storage.

Figure 1: Blackview MP80 Mini PC, showing its compact design and multiple ports.

2. WHAT'S IN THE BOX

Verify that all items are present in the package before proceeding with the setup:

- Blackview MP80 N97 Mini PC (1 unit)
- Power Adapter (1 unit)
- HDMI Cable (1 unit)
- VESA Bracket With Screws (1 set)
- User Guide (1 unit)

Package Includes:

1 x Mini PC MP80
1 x Power adapter
1 x User manual
1 x VESA mount with screws
1 x HDMI cable

Figure 2: All components included in the Blackview MP80 Mini PC package.

3. SETUP GUIDE

Follow these steps to set up your Blackview MP80 Mini PC:

1. **Connect to Power:** Plug the power adapter into the DC input port on the Mini PC, then connect the adapter to a power outlet.

2. **Connect to Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. The MP80 supports up to three 4K displays simultaneously via its three HDMI ports.

Figure 3: Overview of the MP80's functional ports, including HDMI, USB, and Ethernet.

3. **Connect Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB 3.0 ports.

4. **Network Connection:** For a wired connection, connect an Ethernet cable to one of the two Gigabit Ethernet ports. For wireless, ensure your Wi-Fi network is available during the initial operating system setup.

5. **Power On:** Press the power button located on the front of the Mini PC. The device will boot up, and you can proceed with the operating system setup.

6. **VESA Mount Installation (Optional):** If desired, use the VESA bracket and screws to mount the Mini PC to the back of a compatible monitor or to a wall.

4. OPERATING INSTRUCTIONS

The Blackview MP80 Mini PC is designed for ease of use. Here are key operational aspects:

4.1 Power Management

- **Power On:** Press the power button once.
- **Shut Down:** Use the operating system's shutdown function. Avoid direct power off unless necessary to prevent data loss.
- **Sleep Mode:** The system can enter sleep mode to save power. Wake it by pressing the power button

or moving the mouse/keyboard.

4.2 Display Configuration

The MP80 supports triple 4K@60Hz display output, allowing for an expansive workspace or immersive entertainment.

- Connect up to three monitors using the HDMI ports.
- Configure display settings (resolution, orientation, extended/duplicate mode) through your operating system's display settings.
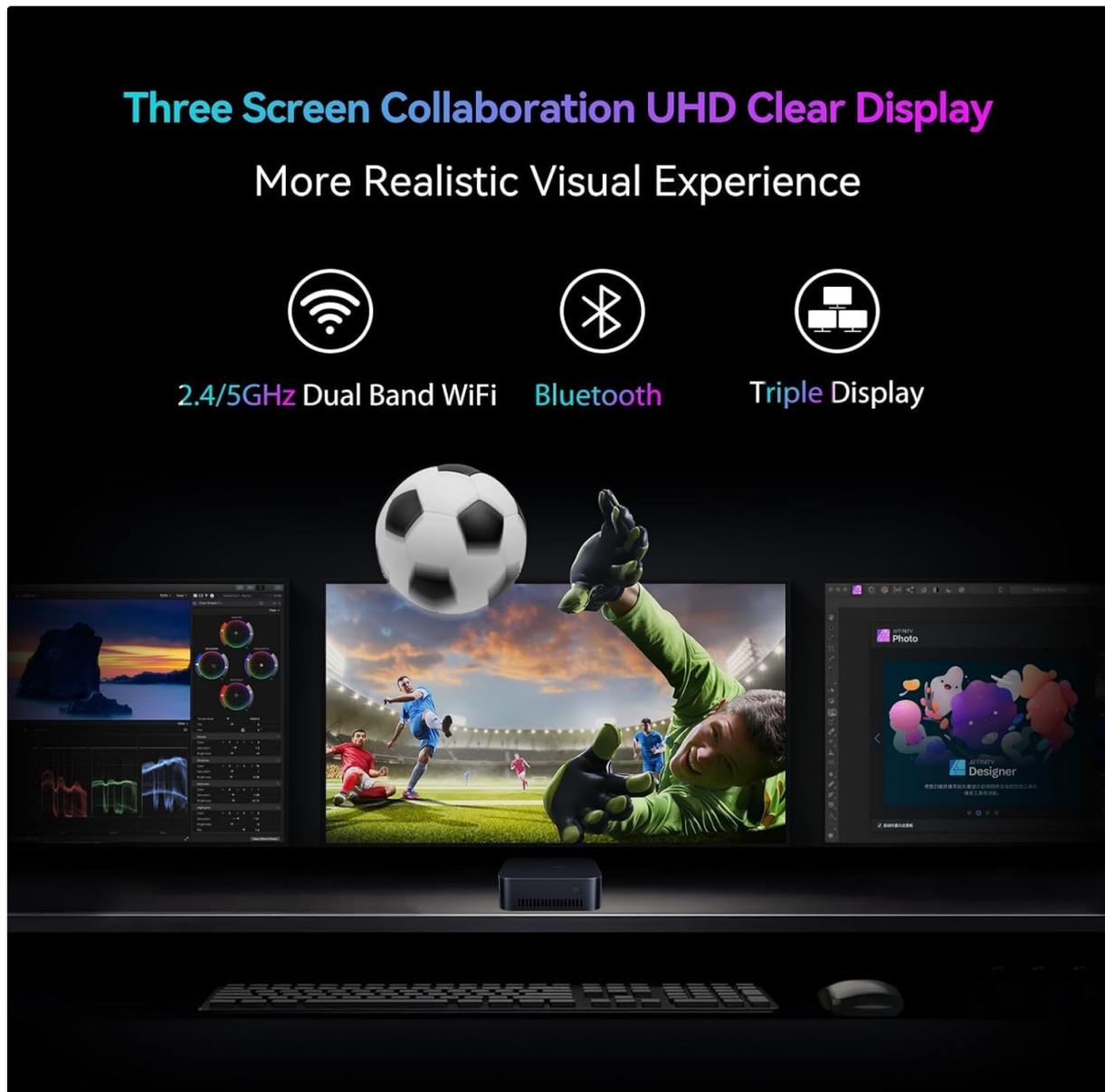

Figure 4: Illustrates the triple display capability of the MP80 Mini PC.

4.3 Connectivity

- **Wi-Fi:** Supports dual-band 2.4GHz/5.0GHz Wi-Fi for fast wireless connectivity.
- **Bluetooth:** Integrated Bluetooth 4.2 allows connection to wireless peripherals like keyboards, mice, and headphones.
- **Ethernet:** Dual Gigabit Ethernet ports provide stable and high-speed wired network connections.

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Video 1: An overview of the Blackview MP80 Mini PC's features, including its compact size, multiple ports, efficient cooling, and powerful performance.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Blackview MP80 Mini PC:

- **Keep it Clean:** Regularly clean the exterior with a soft, dry cloth. Avoid liquid cleaners directly on the device.
- **Ventilation:** Ensure the ventilation holes are not obstructed to allow for proper airflow. The MP80 features an efficient 4-in-1 cooling system designed to keep it cool and quiet.
- **Software Updates:** Keep your operating system and drivers updated to ensure security and performance.
- **Data Backup:** Regularly back up important data to an external drive or cloud storage.

Figure 5: Depiction of the MP80's 4-in-1 cooling and noise-cancelling system, highlighting its internal components for efficient heat dissipation.

6. TROUBLESHOOTING

If you encounter issues with your Blackview MP80 Mini PC, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display on monitor	Loose HDMI cable, incorrect input source on monitor, power issue.	Ensure HDMI cable is securely connected to both the Mini PC and monitor. Select the correct input source on your monitor. Verify the power adapter is properly connected and the Mini PC is powered on.
No internet connection	Wi-Fi disabled, incorrect network settings, router issue, loose Ethernet cable.	Check Wi-Fi settings in the operating system. Ensure Ethernet cable is securely connected if using wired. Restart your router and modem.
System running slow	Too many applications open, insufficient free storage, outdated drivers.	Close unnecessary applications. Free up disk space. Update operating system and drivers.

For further assistance, please refer to the Warranty and Support section.

7. SPECIFICATIONS

Key technical specifications of the Blackview MP80 Mini PC:

Feature	Detail
Processor	Intel Alder Lake N97 (up to 3.6GHz)
RAM	16GB LPDDR5 (4800 MHz)
Storage	512GB M.2 SSD
Graphics	Intel UHD Graphics
Display Output	3x HDMI (4K@60Hz)
USB Ports	3x USB 3.0
Network	Dual Gigabit Ethernet, Wi-Fi 5 (802.11a/b/g/n/ac), Bluetooth 4.2
Operating System	Windows 11 Pro (pre-installed), Linux compatible
Dimensions	87.8 x 87.8 x 37 mm (3.45 x 3.45 x 1.45 inches)
Weight	7.5 ounces

Figure 6: Detailed view of the 12th Gen Intel Alder Lake N97 processor, highlighting its core specifications.

8. WARRANTY AND SUPPORT

Blackview is committed to providing high-quality products and excellent customer service.

- **Warranty:** The Blackview MP80 Mini PC includes a 2-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.
- **Technical Support:** Lifetime technical support is provided for your Blackview MP80 Mini PC.
- **Contact Support:** For technical assistance, warranty claims, or any other inquiries, please contact Blackview customer support through the official website or the contact information provided in your product packaging.