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› Blackview MP200 Mini PC User Manual - Intel Core i5-12450H, 16GB RAM, 1TB SSD

Blackview MP200

Blackview MP200 Mini PC User Manual

Model: MP200 | Brand: Blackview

1. INTRODUCTION

The Blackview MP200 Mini PC is a compact and powerful desktop computer designed for various applications, from home office tasks to multimedia entertainment and light gaming. Featuring an Intel Core i5-12450H processor, 16GB DDR4 RAM, and a 1TB M.2 NVMe SSD, it offers robust performance in a small form factor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your MP200 Mini PC.

2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- 1 x Blackview MP200 Mini PC
- 1 x Power Adapter
- 1 x Base Stand
- 1 x SSD Mounting Bracket
- 1 x HDMI Cable
- 1 x User Manual (this document)

3. HARDWARE OVERVIEW

Front and Rear Ports

The Blackview MP200 Mini PC features a comprehensive set of ports for connectivity with various devices.



Image Description: This diagram illustrates the various ports available on the Blackview MP200 Mini PC. The front panel includes the Power Button, 2x USB 3.2 Gen2 ports, and a 3.5mm HP/MIC TRRS jack. The rear panel includes a Clear CMOS Button, 2x USB 3.2 Gen2 ports, Display Port, HDMI 2.0, RJ45 LAN, and a DC-Port for power input.

Internal Components and Upgradeability

The MP200 is designed for easy upgrades, allowing you to enhance its performance and storage capacity.



Image Description: An internal view of the Blackview MP200 Mini PC highlighting the upgradeable components. It shows two DDR4 SO-DIMM slots for RAM expansion up to 128GB and an M.2 SATA3.0 SSD slot, with support for a 2.5-inch SATA HDD/SSD for additional storage.

- **RAM:** Two SO-DIMM DDR4 slots, supporting up to 128GB (64GB per slot).
- **Storage:** One M.2 2280 PCIe 4.0 SSD slot (1TB pre-installed) and one 2.5-inch SATA bay for HDD/SSD expansion up to 2TB.

4. SETUP INSTRUCTIONS

4.1 Initial Connection

1. **Place the Mini PC:** Position the Blackview MP200 on a stable, flat surface, ensuring adequate ventilation. You may use the included base stand for vertical placement.
2. **Connect Display:** Connect your monitor(s) to the Mini PC using the HDMI, DisplayPort, or Type-C video outputs.

The device supports up to three 4K displays simultaneously.

3. **Connect Peripherals:** Plug in your USB keyboard and mouse into the available USB 3.2 ports.
4. **Connect Power:** Insert the power adapter into the DC-Port on the rear of the Mini PC, then plug the adapter into a power outlet.

4.2 First Boot and Windows Setup

1. **Power On:** Press the Power Button located on the front of the Mini PC.
2. **Windows 11 Setup:** The Mini PC comes with Windows 11 Home pre-installed. Follow the on-screen instructions to complete the initial Windows setup, including language, region, network connection, and user account creation.
3. **Network Connection:** Connect to your network via Wi-Fi 6 or the Gigabit Ethernet port for internet access.



Image Description: The Blackview MP200 Mini PC is shown connected to a monitor, keyboard, and mouse, displaying the Windows 11 Home operating system interface. This illustrates the ready-to-use state after initial setup.

5. OPERATING INSTRUCTIONS

5.1 Power Management

- **Power On:** Press the power button once.
- **Shut Down:** In Windows, go to Start > Power > Shut down.
- **Restart:** In Windows, go to Start > Power > Restart.
- **Sleep:** In Windows, go to Start > Power > Sleep.

5.2 BIOS Settings

To access the BIOS settings, press the **DEL** or **F2** key repeatedly during startup. The BIOS supports features such as:

- Real-time clock (RTC)
- Scheduled start
- Automatic power-on after power loss
- UEFI/Legacy boot options

5.3 Multi-Display Setup

The Blackview MP200 supports connecting up to three displays simultaneously, allowing for extended desktop or mirrored display configurations. Use the HDMI, DisplayPort, and Type-C outputs to connect your monitors.



Image Description: The Blackview MP200 Mini PC is shown connected to three separate monitors, each displaying different content, demonstrating its triple display support capability for enhanced productivity or entertainment.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Blackview MP200 Mini PC, follow these maintenance guidelines:

- **Keep Clean:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Avoid using liquid cleaners directly on the device.
- **Ensure Ventilation:** Do not block the ventilation openings. Ensure the Mini PC is placed in an area with good airflow to prevent overheating.
- **Software Updates:** Keep your Windows operating system and drivers updated to ensure security and performance.
- **Data Backup:** Regularly back up important data to an external drive or cloud storage.

Efficient Heat Dissipation

The MP200 features an efficient cooling system to maintain optimal operating temperatures.

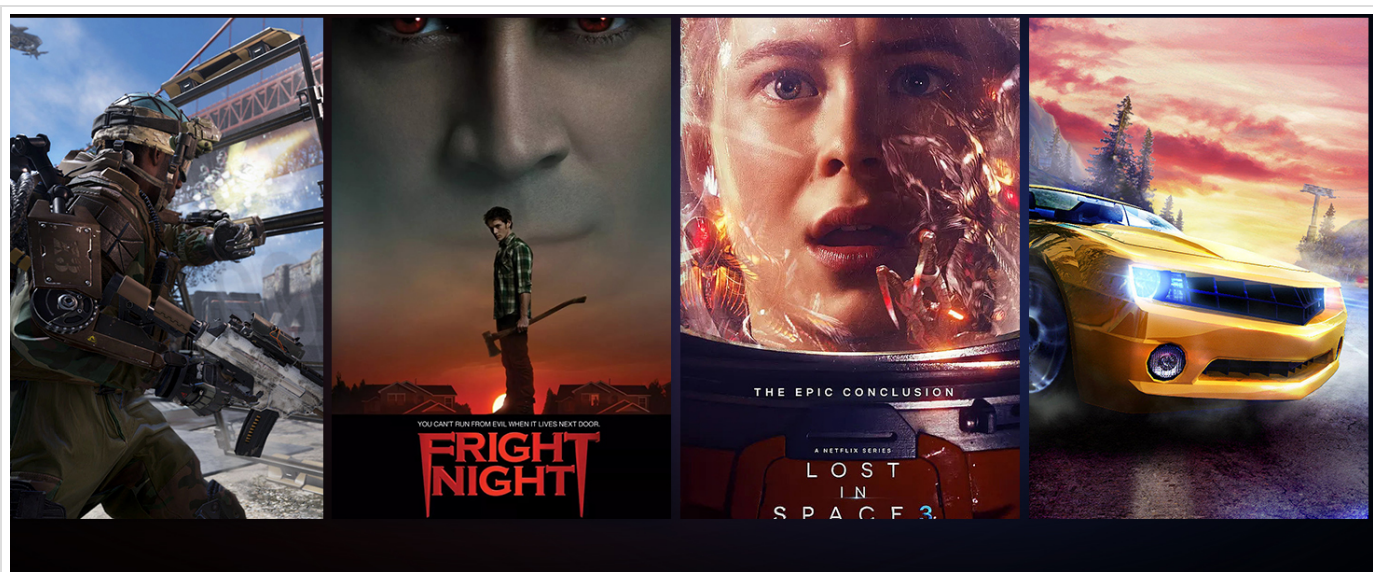


Image Description: This image shows the internal cooling mechanism of the Blackview MP200 Mini PC, featuring a 63,960mm³ cooling fan spinning at 4300 RPM, designed to maintain low temperatures even under heavy loads and ensure efficient heat dissipation.

7. TROUBLESHOOTING

If you encounter issues with your Blackview MP200 Mini PC, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Power	Power adapter not connected; Power outlet issue	Ensure power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet.
No Display	Monitor not connected; Incorrect input source on monitor; Faulty cable	Check display cable connections. Ensure monitor is set to the correct input source (HDMI, DP, Type-C). Try a different cable or monitor.
Peripherals (Keyboard/Mouse) Not Working	Loose connection; Driver issue	Ensure USB devices are securely plugged in. Try different USB ports. Restart the Mini PC.
Slow Performance	Too many applications running; Insufficient RAM; Overheating	Close unnecessary applications. Check for background processes. Ensure proper ventilation. Consider upgrading RAM if frequently experiencing slowdowns.
No Internet Connection	Wi-Fi/Ethernet not configured; Router issue	Check network cable (for Ethernet) or Wi-Fi settings. Restart your router/modem.

If the problem persists, please contact Blackview customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the Blackview MP200 Mini PC:

Feature	Specification
Brand	Blackview
Model	MP200
Operating System	Windows 11 Home (Pre-installed)
CPU Model	Intel Core i5-12450H (8 Cores, 12 Threads)
CPU Speed	Up to 4.4 GHz (Turbo Frequency)
Cache Size	12 MB
Graphics Coprocessor	Intel UHD Graphics (Integrated)
RAM Memory Installed Size	16 GB DDR4
RAM Memory Maximum Size	128 GB DDR4 (2x SO-DIMM slots)
Hard Disk Description	1 TB M.2 NVMe SSD
Hard Disk Interface	PCIe 4.0 (M.2), Serial ATA (2.5-inch bay)
Expandable Storage	2.5-inch SATA bay for up to 2TB SSD/HDD

Feature	Specification
Video Output	1x HDMI 2.0 (4K@60Hz), 1x DisplayPort (8K), 1x Type-C (Full Function, 4K@60Hz)
Display Resolution Maximum	3840x2160 (4K) via HDMI/Type-C, 8K via DisplayPort
Connectivity Technology	Bluetooth 5.2, HDMI, USB, Wi-Fi
Wireless Compatibility	Wi-Fi 6 (802.11ax, 2.4G+5.0G)
Ethernet	Gigabit Ethernet (RJ45 2.5G)
USB Ports	4x USB 3.2 Gen2
Audio Jack	1x 3.5mm audio input/output jack
Cooling System	Copper alloy cooling system, 4300 RPM fan
Dimensions	7.2 x 5.9 x 2.97 inches (approximate)
Color	Black

9. WARRANTY AND SUPPORT

Your Blackview MP200 Mini PC comes with a reliable **3-year warranty**. Blackview is committed to providing dedicated customer support.

- For technical assistance, troubleshooting, or warranty claims, please contact Blackview customer support through their official website or the contact information provided in your purchase documentation.
- Please retain your proof of purchase for warranty validation.

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