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› Blackview MP100 Mini PC Ryzen 7 5825U User Manual

Blackview MP100 5825U

Blackview MP100 Mini PC User Manual

Model: MP100 5825U

1. PRODUCT OVERVIEW

The Blackview MP100 Mini PC is a compact yet powerful desktop computer designed for demanding multitasking, office workloads, professional applications, and entertainment. Equipped with an AMD Ryzen 7 5825U processor, 16GB DDR4 RAM, and a 512GB NVMe SSD, it offers smooth and responsive performance. It supports triple 4K display output and features advanced connectivity options including Wi-Fi 6 and Bluetooth 5.2.



Image: The Blackview MP100 Mini PC, showcasing its compact design and sleek black finish with RGB lighting accents.

Your browser does not support the video tag.

Video: An official Blackview video highlighting the key features and capabilities of the MP100 Mini PC, including its internal components, connectivity, and performance in various scenarios.

2. SETUP GUIDE

2.1 What's in the Box

- 1x Blackview MP100 Mini PC AMD Ryzen 7 5825U
- 1x Power adapter
- 1x User manual
- 1x VESA mount with screws
- 1x HDMI Cable

2.2 Initial Connection

1. **Connect to Power:** Plug the power adapter into the DC jack on the back of 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. For triple display setup, utilize the DisplayPort and USB Type-C ports.

3. **Connect Peripherals:** Plug in your keyboard, mouse, and any other USB devices into the available USB 3.2 Gen2 or USB 2.0 ports.
4. **Network Connection:** For wired internet, connect an Ethernet cable to the RJ45 LAN port. For wireless, ensure Wi-Fi is enabled in the operating system settings after initial boot.
5. **Power On:** Press the power button located on the front of the Mini PC.

Connect More, Do Anything, Effortlessly

12 Clever Well-organized Interfaces



Image: Detailed view of the Blackview MP100 Mini PC's front and rear ports, including USB 3.2 Gen2, Type-C, HDMI 2.0, DisplayPort, RJ45 LAN, and audio jack.

3. OPERATING INSTRUCTIONS

3.1 Operating System

The Blackview MP100 Mini PC comes pre-installed with **Windows 11 Pro**, offering a familiar and robust operating environment for productivity, creativity, and entertainment. Follow the on-screen prompts for initial Windows setup upon first boot.

3.2 Display Configuration

The MP100 supports **triple 4K display output** via HDMI, DisplayPort, and USB Type-C. To configure multiple displays:

- Connect your monitors to the respective ports.
- Right-click on the desktop and select "Display settings".
- Arrange your displays and choose your preferred display mode (Extend, Duplicate, or Second screen only).

Epic Visual Feast Unleashed









	MP100	Others
Resolution	4K UHD 4X Clearer ↗	1080P
Refresh Rate	144Hz 2.4X Smoother ↗	60Hz

Image: The Blackview MP100 Mini PC demonstrating its capability to connect to and power three 4K UHD displays simultaneously, enhancing multitasking and visual experience.

3.3 Connectivity

Leverage the advanced connectivity features for seamless integration:

- **Wi-Fi 6:** Provides faster data transfer speeds and improved stability for wireless networking.
- **Bluetooth 5.2:** Ensures stable and low-latency connections for wireless peripherals like headphones, keyboards, and mice.

- **Dual LAN 1000Mbps:** Offers robust wired network connections, ideal for stable internet access or setting up independent internal/external networks.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Blackview MP100 Mini PC, follow these maintenance guidelines:

- **Keep it Clean:** Regularly dust the exterior of the Mini PC using a soft, dry cloth. Ensure ventilation grilles are free from obstructions to allow proper airflow.
- **Proper Ventilation:** Place the Mini PC in a well-ventilated area. Avoid placing it on soft surfaces that might block the air vents. The device features an advanced 3-in-1 cooling system with a large cooling fan, copper heat pipes, and heat sinks to maintain optimal temperatures.
- **Software Updates:** Keep your Windows operating system and drivers updated to ensure security and performance improvements.
- **Storage Management:** Periodically clean up unnecessary files and applications to free up storage space and maintain system speed.



Image: An exploded view diagram illustrating the advanced 3-in-1 cooling system of the Blackview MP100, highlighting the large cooling fan, copper heat pipes, and high-performance heat sink.

5. TROUBLESHOOTING

If you encounter issues with your Blackview MP100 Mini PC, try the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet if necessary.
- **No Display:** Check that the HDMI, DisplayPort, or USB-C cable is firmly connected to both the Mini PC and the monitor. Ensure the monitor is powered on and set to the correct input source.
- **No Internet Connection:** For wired connections, check the Ethernet cable and your router. For Wi-Fi, ensure Wi-Fi is enabled in Windows settings and you are connected to the correct network with the correct password.
- **Slow Performance:** Close unnecessary applications. Check for background processes consuming high resources (Task Manager). Ensure sufficient free storage space.
- **Peripherals Not Working:** Try connecting the peripheral to a different USB port. Ensure drivers are installed if required (Windows usually handles this automatically).
- **System Freezes/Crashes:** Restart the Mini PC. If issues persist, consider running a system diagnostic or

reinstalling Windows (back up your data first).

For persistent issues, refer to the Warranty and Support section for further assistance.

6. SPECIFICATIONS

Feature	Specification
Processor	AMD Ryzen 7 5825U (8 Cores, 16 Threads, up to 4.5GHz)
Graphics	AMD Radeon Graphics (Integrated)
RAM	16GB DDR4 (Dual Channel, expandable up to 64GB)
Storage	512GB M.2 NVMe SSD (Expandable up to 2TB via 2.5-inch SSD/HDD)
Operating System	Windows 11 Pro
Max Screen Resolution	3840x2160 Pixels (4K)
Wireless Connectivity	Wi-Fi 6 (802.11a/b/g/n/ac), Bluetooth 5.2
Ports	2x USB 3.2 Gen2, 2x USB Type-C (full-featured), 1x USB 2.0, 1x HDMI 2.0, 1x DisplayPort 1.4, 2x RJ45 LAN (1000Mbps), 1x 3.5mm Audio Jack, 1x DC Jack
Item Weight	1.1 pounds
Color	Black

7. WARRANTY AND SUPPORT

Blackview offers a **2-year warranty** for the MP100 Mini PC, ensuring peace of mind regarding manufacturing defects and hardware failures. Additionally, **lifetime technical support** is provided to assist you with any questions or issues that may arise during the product's lifespan.

All Blackview mini PC products are CE, EMC, FCC, and RoHS certified, ensuring compliance with international safety and quality standards.

7.1 How to Obtain Support

If you require technical assistance or have warranty-related inquiries, please contact Blackview customer service. Contact details are typically available on the official Blackview website or through your purchase platform. Please have your product model number (MP100 5825U) and purchase information ready when contacting support.