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Blackview MP20 N150

Blackview MP20 Mini PC User Manual

Model: MP20 N150

1. Introduction

This user manual provides detailed instructions for the Blackview MP20 Mini PC. Please read this manual thoroughly before using the device to ensure proper operation and to maximize its performance and lifespan. Keep this manual for future reference.

2. What's in the Box

Verify that all items are present in the package:

- Blackview MP60 N150 Mini PC * 1
- Power Adapter * 1
- HDMI Cable * 1
- VESA Bracket With Screws * 1
- User Guide * 1



Image: The Blackview MP20 Mini PC, showing its compact size and various ports, alongside its included accessories like the power adapter and HDMI cable.

3. Product Overview

3.1. Device Layout and Ports

The Blackview MP20 Mini PC features a compact design with essential ports for connectivity.



Image: Front and rear views of the Blackview MP20 Mini PC, highlighting its various input/output ports. The front includes the power button, two USB 3.0 ports, and an audio in/out jack. The rear features an Ethernet LAN port, HDMI 2.0, DisplayPort (DP), two USB 2.0 ports, and a DC power jack.

- **Front Ports:** Power Button, 2x USB 3.0 (5Gbps), Audio In/Out Jack.
- **Rear Ports:** Security Lock Slot, Ethernet LAN (RJ45), HDMI 2.0 (Max 4096*2160 60Hz), DisplayPort (DP, Max 4096*2160 60Hz), 2x USB 2.0 (480Mbps), DC Jack.

3.2. Key Features

- **Processor:** Intel Twin Lake N150 (4 Cores, up to 3.6 GHz Turbo).
- **Graphics:** Intel UHD Graphics, supporting dual 4K displays (HDMI 2.0 + DisplayPort).
- **Memory:** 8GB DDR4 RAM (expandable up to 16GB).
- **Storage:** 256GB SSD (expandable up to 2TB via 2.5-inch SSD/HDD).
- **Operating System:** Windows 11 Pro (downgradable to Windows 10).
- **Connectivity:** Dual-band WiFi 6 (802.11ax), Bluetooth 5.2, Gigabit Ethernet.

- **Cooling System:** Twofold Heat Dissipation System with Copper Tube and efficient fan (under 38dB).
- **Design:** Ultra-compact (0.326L volume), ultra-light (265g), VESA mount ready.



Image: An infographic showcasing the Blackview MP20 Mini PC's key features, including the Intel Twin Lake N150 processor, 4K UHD dual screen display, 9 versatile ports, Wireless BT 5.2, Dual-band WiFi 6, 256GB SSD, 8GB DDR4 RAM, and its silent fan & copper tube cooling system.

4. Setup Guide

4.1. Initial Connection

1. **Connect to Display:** Use the provided HDMI cable or a DisplayPort cable to connect the Mini PC to your monitor or TV. The MP20 supports dual 4K displays.
2. **Connect Peripherals:** Plug in your USB keyboard and mouse into the available USB ports (USB 3.0 on the front, USB 2.0 on the rear).
3. **Connect Power:** Insert the power adapter into the DC Jack on the rear of the Mini PC, then plug the adapter into a

power outlet.

4. **Power On:** Press the power button located on the front of the Mini PC. The system will boot up automatically.



Image: A Blackview MP20 Mini PC connected to two external monitors, demonstrating its dual-screen display capability for an enhanced workspace.

4.2. VESA Mount Installation (Optional)

The MP20 comes with a VESA bracket, allowing you to mount it behind a monitor or TV for a cleaner workspace.

1. Attach the VESA bracket to the back of your monitor using the provided screws.
2. Slide the Mini PC onto the VESA bracket until it clicks securely into place.



Image: A Blackview MP20 Mini PC is shown mounted on a VESA arm behind a computer monitor, illustrating how it can free up desk space and create a tidy work environment.

5. Operating Instructions

5.1. Power Management

- **Power On:** Press the power button once.
- **Shut Down:** Click the Start button in Windows, then select Power > Shut down.

- **Restart:** Click the Start button in Windows, then select Power > Restart.
- **Sleep:** Click the Start button in Windows, then select Power > Sleep.

5.2. Connecting to Network

- **Wi-Fi:** In Windows, click the Wi-Fi icon in the taskbar, select your network, enter the password, and connect. The MP20 supports Wi-Fi 6 for fast and stable connections.
- **Ethernet:** Connect an Ethernet cable from your router or modem to the RJ45 port on the rear of the Mini PC.

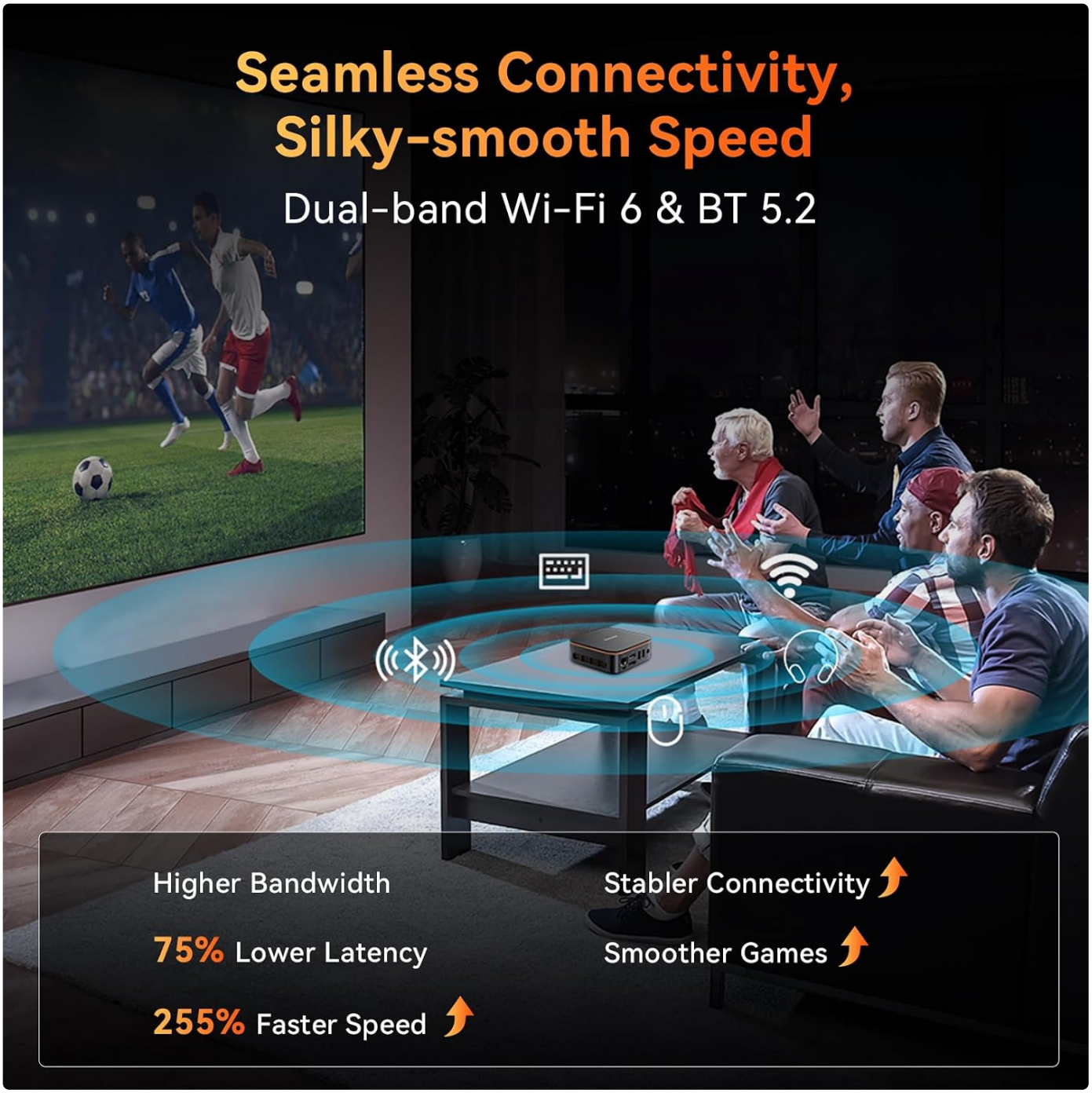


Image: A group of people are shown enjoying media content, illustrating the seamless connectivity and smooth speed provided by the Blackview MP20 Mini PC's dual-band Wi-Fi 6 and Bluetooth 5.2.

5.3. Storage Expansion

The MP20 allows for easy storage expansion up to 2TB via a 2.5-inch SSD/HDD.

1. Ensure the Mini PC is powered off and unplugged.
2. Carefully remove the bottom cover of the Mini PC (tool-free removal).

3. Install your 2.5-inch SSD/HDD into the designated slot.
4. Replace the bottom cover.

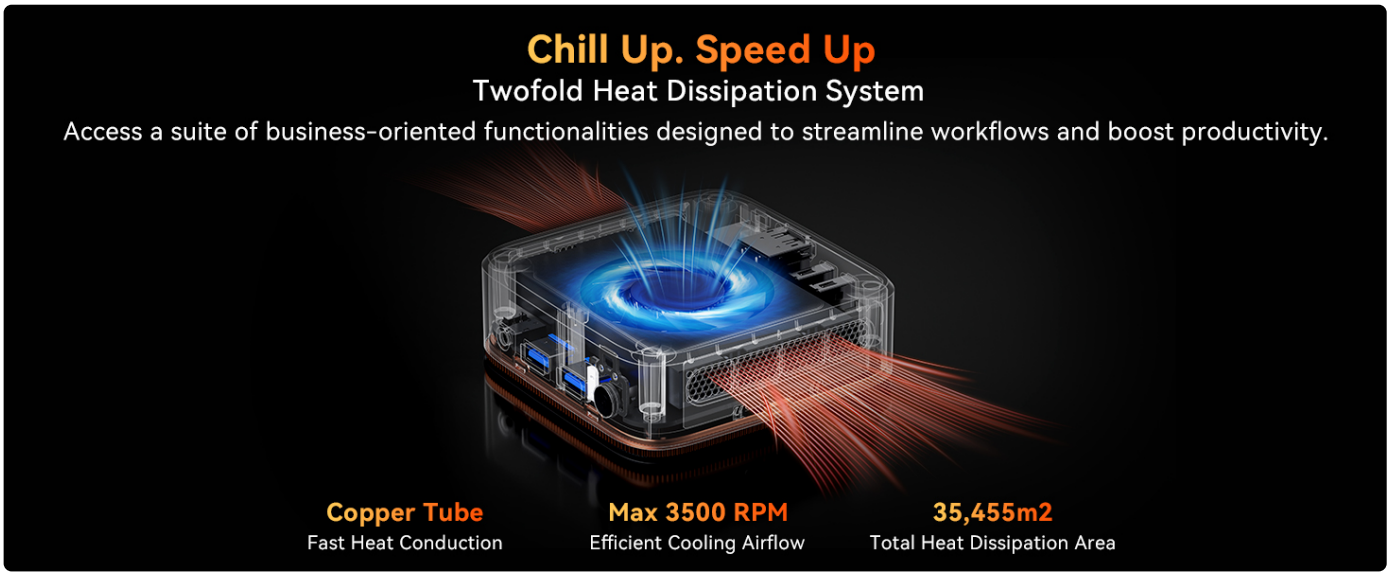


Image: An exploded view of the Blackview MP20 Mini PC, highlighting its internal components including the 8GB DDR4 RAM and the 256GB SSD, indicating expandability up to 16GB RAM and 2TB storage.

6. Maintenance

6.1. Cleaning

- Use a soft, dry cloth to clean the exterior of the Mini PC.
- For dust accumulation in vents, use compressed air. Ensure the device is off before cleaning.

6.2. Software Updates

Regularly check for Windows updates to ensure optimal performance and security. Go to Settings > Windows Update to check for and install updates.

6.3. Storage Management

Periodically clean up unnecessary files and applications to maintain system speed. Use Windows Disk Cleanup or third-party tools.

7. Troubleshooting

Problem	Possible Cause	Solution
No power/Does not turn on	Power adapter not connected properly; Power outlet issue.	Ensure power adapter is securely connected. Try a different power outlet.
No display on monitor	HDMI/DP cable loose or faulty; Incorrect input selected on monitor.	Check cable connections. Ensure monitor input is set to HDMI/DP. Try a different cable or monitor.

Problem	Possible Cause	Solution
Wi-Fi connection issues	Incorrect Wi-Fi password; Router issues; Driver issues.	Verify Wi-Fi password. Restart router. Check device manager for Wi-Fi driver status.
Slow performance	Too many applications running; Low storage space; Overheating.	Close unnecessary applications. Free up disk space. Ensure proper ventilation.

8. Specifications

Feature	Detail
Brand	Blackview
Model	MP20 N150
Processor	Intel Twin Lake N150 (4 Cores, up to 3.6 GHz)
Graphics	Intel UHD Graphics
RAM	8GB DDR4 (2666 MHz), Max 16GB
Storage	256GB SSD, Max 2TB (2.5-inch SSD/HDD)
Operating System	Windows 11 Pro
Wireless Connectivity	WiFi 6 (802.11ax), Bluetooth 5.2
Wired Connectivity	Gigabit Ethernet (RJ45)
USB Ports	2x USB 3.0, 2x USB 2.0
Video Output	HDMI 2.0 (4K@60Hz), DisplayPort (4K@60Hz)
Audio	Audio In/Out Jack
Dimensions (LxWxH)	3.94 x 3.94 x 1.39 inches (10 x 10 x 3.5 cm)
Weight	9.3 ounces (265g)

9. Warranty and Support

Blackview offers comprehensive support for your MP20 Mini PC:

- **Warranty:** 24 Months Warranty covering parts and labor for manufacturing defects.
- **Lifetime Technical Support:** Our expert team is available via email, live chat, or phone for software updates, troubleshooting, and optimization advice even after the warranty period.



Image: An image detailing Blackview Care, which includes 3-Year Coverage, Lifetime Technical Support, and a focus on User Satisfaction, with a note about scanning a QR code for help.

For support, please refer to the contact information provided in your product packaging or visit the official Blackview website.

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