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› [Blackview MP20 Mini PC Computers W-11 Pro, Intel Twin Lake N150\(Turbo 3.6GHz\), 16GB RAM 512GB M.2 SSD, 4K Minipc, Dual WiFi 6/Bt, Gigabit Ethernet for Business, Office, Home, Mini Desktop Computer N150 16+512GB User Manual](#)

Blackview MP20 N150

Blackview MP20 Mini PC User Manual

Model: MP20 N150

1. INTRODUCTION

Thank you for choosing the Blackview MP20 Mini PC. This compact and powerful desktop computer is designed for various applications, from office productivity to home entertainment. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance and longevity.



Figure 1.1: Blackview MP20 Mini PC, showcasing its compact design and various ports.

2. WHAT'S IN THE BOX

Carefully unpack your Blackview MP20 Mini PC and ensure all items are present:

- Blackview MP20 N150 Mini PC (1 unit)
- Power Adapter (1 unit)
- HDMI Cable (1 unit)
- VESA Bracket with Screws (1 set)
- User Guide (1 unit)

Ready to Go!

Blackview mini pc Pre-loaded with W-11 pro, but built for more. MP20 N150 Mini PC effortlessly runs Linux, Ubuntu, and other OS. One device, infinite possibilities.



Figure 2.1: All components included in the Blackview MP20 Mini PC package.

3. PRODUCT OVERVIEW

3.1. Dimensions and Portability

The Blackview MP20 is designed for ultra-compactness, measuring approximately 3.94 x 1.39 x 3.94 inches (10 x 3.5 x 10 cm) and weighing only 9.3 ounces (265g). Its small footprint allows for easy integration into any workspace, and it is highly portable for on-the-go use.

Smaller & Lighter

Only 100mm*100mm*35.2mm, easy to create a neat desktop

 265g



100mm*100mm*35.2mm

Weight:

265g \leq 1 mobile phone



Figure 3.1: The compact size of the Blackview MP20 Mini PC compared to a mobile phone.

Hidden Behind Screen

Tider and More Work Space \uparrow

Maximize Desk Space \uparrow



What's in the package?

1 x Mini PC MP20	1 x Packaging box
1 x User manual	1 x Power adapter
1 x HDMI cable	1 x VESA mount with screws

Figure 3.2: The Blackview MP20 Mini PC is easy to carry for remote work or travel.

3.2. Ports and Connectivity

The MP20 Mini PC offers a comprehensive set of ports for versatile connectivity:

- **Front Ports:** Power Button, 2x USB 3.0, 3.5mm Audio In/Out Jack
- **Rear Ports:** Gigabit Ethernet (RJ45), HDMI, DisplayPort, 2x USB 2.0, DC Power Jack

Wireless connectivity includes Bluetooth 5.2 and Dual-Band Wi-Fi 6 for fast and stable network access.



Figure 3.3: The MP20 Mini PC supports both wired and wireless connections for various peripherals.



Figure 3.4: Detailed view of the MP20's versatile port layout.

3.3. Performance Specifications

The MP20 Mini PC is powered by the Intel Twin Lake N150 processor, offering speeds up to 3.6GHz for efficient multitasking and demanding office applications. It comes equipped with 16GB of DDR4 RAM and a 512GB M.2 SSD, with storage expandable up to 2TB (SSD not included).

Intel Twin Lake N150 Processor

Get more done in less time. With the Intel Twin Lake N150 at the helm clocking to up to 3.6GHz



3.6 GHz
TDP :6W-15W

4 GHz
4 Threads

6MB Intel
Smart Cache

Figure 3.5: The Intel Twin Lake N150 processor ensures smooth performance for daily tasks.

Ready to Go!

Blackview mini pc Pre-loaded with W-11 pro, but built for more.MP20 N150 Mini PC effortlessly runs Linux, Ubuntu, and other OS. One device, infinite possibilities.



Figure 3.6: Intel N150 Processor details.



Figure 3.7: Ample RAM and expandable SSD storage for efficient operation.

Figure 3.8: The 512GB M.2 SSD provides fast storage, expandable for more applications and files.

3.4. Display Capabilities

The MP20 supports dual 4K 60Hz display output via its HDMI and DisplayPort connections, providing a stable, clear, and fast visual experience for enhanced productivity or immersive entertainment.

Supports Dual Screen 4K 60Hz Output

HDMI 2.0 + DP1.4 Stable-Clear-Fast



Figure 3.9: Dual 4K 60Hz display support for expanded visual workspace.



Figure 3.10: Dual 4K display enhances multitasking and viewing experience.

3.5. Cooling System

The MP20 Mini PC features a twofold cooling system with a 35,455mm² heat dissipation area, ensuring efficient heat management and stable performance even under load.

Your browser does not support the video tag.

Video 3.1: An overview of the Blackview MP20 Mini PC, highlighting its compact size, Intel N150 processor, 4K display support, dual-screen capabilities, RAM and SSD, versatile ports, Wi-Fi 6, Bluetooth 5.2, and the efficient twofold cooling system.

4. SETUP GUIDE

Follow these steps to set up your Blackview MP20 Mini PC:

1. **Connect to Power:** Plug the power adapter into the DC Power Jack on the rear of the Mini PC, then plug the adapter into a power outlet.
2. **Connect to Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. Alternatively, use a DisplayPort cable for DisplayPort connections.
3. **Connect Peripherals:** Plug in your USB keyboard, mouse, and any other desired peripherals into the available USB ports.
4. **Network Connection:** For a wired connection, connect an Ethernet cable to the RJ45 port. For wireless, ensure your Wi-Fi network is available after booting.
5. **Power On:** Press the power button on the front of the Mini PC. The power indicator light will illuminate.

The included VESA mount allows for discreet installation behind a compatible monitor or TV, helping to create a clutter-free workspace.

Ready to Go!

Blackview mini pc Pre-loaded with W-11 pro, but built for more. MP20 N150 Mini PC effortlessly runs Linux, Ubuntu, and other OS. One device, infinite possibilities.



Figure 4.1: VESA mount installation for a tidy setup.

5. OPERATING SYSTEM

The Blackview MP20 Mini PC comes pre-installed with Windows 11 Pro, offering a secure and productive environment for your computing needs. It is also compatible with other operating systems such as Linux and Ubuntu, providing flexibility for advanced users.



Figure 5.1: Windows 11 Pro pre-installed for immediate use.



Figure 5.2: Linux compatibility for diverse computing needs.



Figure 5.3: Ubuntu compatibility for open-source enthusiasts.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Blackview MP20 Mini PC, follow these maintenance guidelines:

- **Keep it Clean:** 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 prevent overheating.
- **Ensure Proper Ventilation:** Do not block the ventilation openings. Place the Mini PC in a well-ventilated area to allow for proper airflow.
- **Software Updates:** Keep your operating system and drivers updated to the latest versions for security and performance improvements.
- **Avoid Extreme Conditions:** Do not expose the Mini PC to extreme temperatures, humidity, or direct sunlight.

7. TROUBLESHOOTING

If you encounter issues with your Blackview MP20 Mini PC, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
No power	Power cable loose, power adapter faulty, power outlet issue	Check all power connections. Try a different power outlet. Ensure the power adapter is working.
No display	Monitor off, video cable loose/faulty, incorrect input source on monitor	Ensure monitor is on and set to correct input. Check HDMI/DisplayPort cable connections. Try a different cable or monitor.
No internet connection (Wi-Fi)	Wi-Fi disabled, incorrect password, router issue	Check Wi-Fi settings. Re-enter password. Restart router. Ensure Wi-Fi drivers are installed.
No internet connection (Ethernet)	Ethernet cable loose/faulty, network driver issue, router/modem issue	Check Ethernet cable. Restart router/modem. Check network adapter settings and drivers.
Slow performance	Too many programs running, low disk space, overheating	Close unnecessary applications. Free up disk space. Ensure proper ventilation and clean dust.

If the problem persists after trying these solutions, please contact Blackview customer support for further assistance.

8. TECHNICAL SPECIFICATIONS

Below are the detailed technical specifications for the Blackview MP20 N150 Mini PC:

Feature	Specification
Model	MP20 N150
Processor	Intel Twin Lake N150 (up to 3.6 GHz)
RAM	16GB DDR4 (2666 MHz)

Feature	Specification
Storage	512GB M.2 SSD (Expandable up to 2TB)
Graphics Coprocessor	Intel UHD Graphics (Integrated)
Max Screen Resolution	4096x2160 (4K)
Operating System	Windows 11 Pro
Wireless Type	Wi-Fi 6 (802.11ax), Bluetooth 5.2
Ethernet	Gigabit Ethernet (RJ45)
USB Ports	2x USB 3.0, 2x USB 2.0
Video Output	HDMI, DisplayPort (Dual 4K@60Hz support)
Audio Jack	3.5mm Audio In/Out
Dimensions (LxWxH)	3.94 x 1.39 x 3.94 inches (10 x 3.5 x 10 cm)
Item Weight	9.3 ounces (265g)
Color	Black

9. WARRANTY AND SUPPORT

Blackview offers a comprehensive two-year warranty for your MP20 Mini PC, covering parts and labor for manufacturing defects. Beyond the warranty period, lifetime technical support is provided to ensure your device operates trouble-free for many years.


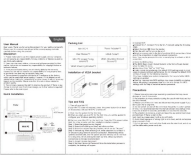


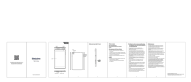
Our expert team is available to assist you with software updates, troubleshooting, and optimization suggestions via email, live chat, or phone.



Figure 9.1: Blackview Care commitment to customer satisfaction and support.

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

Related Documents - MP20 N150

	<p>Blackview MP60 Series Mini PC User Manual and Setup Guide</p> <p>A comprehensive guide for setting up and using the Blackview MP60 Series Mini PC. This manual covers quick installation, packing list, VESA mounting, tips, FAQs, and important precautions for optimal performance and safety.</p>
	<p>Blackview MP80 Mini PC User Manual: Setup, Features, and Precautions</p> <p>Comprehensive user manual for the Blackview MP80 Mini PC. Covers quick installation, packing list, VESA bracket setup, Wi-Fi connection, BIOS settings, and important precautions for safe and optimal operation. Features Intel 12th N95 processor, 16GB LPDDR5 RAM, 512GB SSD, and Windows 11 Pro.</p>
	<p>Blackview AceBook 8 User Guide: Specifications, Features, and Safety Information</p> <p>Official user guide for the Blackview AceBook 8 laptop, detailing specifications, features, safety instructions, and FCC compliance. Learn how to use your AceBook 8 safely and effectively.</p>
	<p>Blackview AceBook 8 User Guide</p> <p>User guide for the Blackview AceBook 8 laptop, providing product overview, detailed specifications, and essential safety instructions for Windows 10.</p>
	<p>Blackview MP20 Series Mini PC User Manual</p> <p>User manual for the Blackview MP20 Series Mini PC, covering quick installation, packing list, tips, FAQ, precautions, and FCC compliance information.</p>
	<p>Blackview Tab 5 User Guide</p> <p>User guide for the Blackview Tab 5, an 8-inch Android 12 tablet featuring a Quad-Core processor, 5GB RAM, 64GB ROM, and a 5580mAh battery.</p>