



Manuals.plus /

› Blackview /

› Blackview MP60 Mini PC User Manual - Intel N5095, 16GB RAM, 512GB SSD

Blackview MP60

Blackview MP60 Mini PC User Manual

Model: MP60

1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Blackview MP60 Mini PC. The Blackview MP60 is a compact desktop computer designed for home and business use, featuring an Intel N5095 processor, 16GB DDR4 RAM, and a 512GB M.2 SSD. It supports 4K HD dual display output and offers various connectivity options.

2. WHAT'S IN THE BOX

Upon opening the Blackview MP60 Mini PC package, you should find the following items:

- Blackview MP60 Mini PC Unit
- Power Adapter (12V)
- HDMI Cable
- VESA Mounting Bracket with Screws
- User Manual (this document)



Image: Contents of the Blackview MP60 Mini PC package, including the mini PC, power adapter, HDMI cable, VESA mount, and user manual.

Video: An overview of the Blackview MP60 Mini PC, showcasing its unboxing, included accessories, and various ports. This video provides a visual guide to the product's physical features and what to expect in the package.

3. PRODUCT OVERVIEW

3.1. Front and Side Ports

The Blackview MP60 Mini PC features a compact design with strategically placed ports for easy access and connectivity.

- **Power Button:** Located on the side for easy power on/off.
- **USB 3.0 Ports (x2):** For high-speed data transfer with compatible devices.
- **USB 2.0 Port (x1):** For connecting standard USB peripherals.

3.2. Rear Ports

The rear panel provides essential ports for display, networking, and audio.

- **DC Jack:** For connecting the power adapter.
- **USB 2.0 Port (x1):** Additional port for peripherals.
- **HDMI 1.4b Ports (x2):** Supports dual 4K (60Hz) display output.
- **RJ45 Gigabit Ethernet Port:** For wired network connectivity.
- **3.5mm Audio-in/out Jack:** For connecting headphones, speakers, or a microphone.
- **Kensington Lock Slot:** For physical security.

Silent heat dissipation

Dedicated thermal solutions for both the CPU with the new design Cooler Fan. The fans and wider heatpipes ensure maximum performance.



5600rpm



35°C
Temperature



25500mm² Heat
Dissipation Area



6 Heat
Pipes



Image: Detailed view of the various input/output ports available on the Blackview MP60 Mini PC, highlighting its comprehensive connectivity options.

4. SETUP

Follow these steps to set up your Blackview MP60 Mini PC:

1. **Connect to Power:** Plug the power adapter into the DC 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. If using dual monitors, connect a second display to the other HDMI port.
3. **Connect Peripherals:** Connect your keyboard, mouse, and any other USB devices to the available USB ports.
4. **Connect to Network (Optional):** For wired internet, connect an Ethernet cable to the RJ45 port. For wireless, the Mini PC supports 2.4G+5.0G dual-band WiFi.
5. **Power On:** Press the power button on the side of the Mini PC. The system will boot up, and you will see the Windows 11 Pro setup screen or desktop.
6. **Initial Windows Setup:** Follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, network, and user account creation.

4.1. VESA Mounting

The Blackview MP60 Mini PC can be mounted to the back of a VESA-compatible monitor using the included bracket and screws. This helps save desk space and creates a cleaner workspace.

5. OPERATING INSTRUCTIONS

The Blackview MP60 Mini PC comes pre-installed with Windows 11 Pro, offering a familiar and user-friendly operating environment.

- **Power On/Off:** Press the power button once to turn on the device. To shut down, use the Windows Start menu options (Start > Power > Shut down). A short press on the power button can also initiate sleep mode.
- **Restart:** Use the Windows Start menu options (Start > Power > Restart) to restart the system.
- **Dual Display:** Connect two monitors to the HDMI ports. Windows 11 Pro will automatically detect both displays. You can configure display settings (extend, duplicate, etc.) via Display Settings in Windows.
- **Wireless Connectivity:** Connect to Wi-Fi networks via the network icon in the taskbar. Bluetooth 4.2 allows connection to wireless peripherals like keyboards, mice, and headphones.



DUAL 4K DISPLAYS

Experience crisp 4K graphics. Intricate details come to life with your 4K TV and compatible the Mini PC.

Wi-Fi
2.4G+5G

1000Mb/s

Bluetooth 4.2

Image: The Blackview MP60 Mini PC in a dual-monitor setup, illustrating its capability to support extended desktop environments for enhanced

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Mini PC.

- **Cleaning:** Keep the Mini PC clean and free from dust. Use a soft, dry cloth for external surfaces. For internal components, especially the fan and vents, use compressed air periodically to prevent dust buildup, which can affect cooling efficiency.
- **Software Updates:** Regularly update Windows 11 Pro and device drivers to ensure security, stability, and performance.
- **Ventilation:** Ensure the Mini PC is placed in a well-ventilated area. Do not block the air vents to allow for proper heat dissipation by the internal fan and heat sink.
- **Storage Management:** Periodically clean up unnecessary files and applications to maintain optimal storage performance.

7. TROUBLESHOOTING

If you encounter issues with your Blackview MP60 Mini PC, refer to 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:** Verify that the HDMI cable is firmly connected to both the Mini PC and the monitor. Ensure the monitor is set to the correct input source. Try a different HDMI cable or monitor if possible.
- **No Internet Connection:** For wired connections, check the Ethernet cable and router status. For Wi-Fi, ensure the Wi-Fi adapter is enabled and you are connected to the correct network with the correct password.
- **Slow Performance:** Close unnecessary applications. Check for background processes consuming high CPU or RAM. Ensure sufficient free storage space. Consider running a disk cleanup.
- **Peripheral Not Detected:** Ensure USB devices are properly plugged in. Try connecting them to a different USB port. Update or reinstall device drivers if needed.
- **System Freezes/Crashes:** Restart the Mini PC. If issues persist, check for recent software installations or updates that might be causing conflicts. Consider performing a system restore or reinstalling Windows if necessary (back up your data first).

8. SPECIFICATIONS

Detailed technical specifications for the Blackview MP60 Mini PC:

Brand	Blackview
Model Number	MP60
Processor	Intel Celeron N5095 (4C/4T, 4 MB L3 Cache, 2.0GHz base, up to 2.9 GHz burst)
Graphics	Intel UHD Graphics (750 MHz)
RAM	16GB DDR4 (Soldered, not upgradeable)
Storage	512GB M.2 2280 SSD (Upgradeable to 2TB)
Storage Expansion	Supports additional 2.5-inch SATA SSD/HDD up to 2TB
Operating System	Windows 11 Pro
Video Output	2 x HDMI 1.4b (Supports Dual 4K@60Hz)
USB Ports	2 x USB 3.0, 2 x USB 2.0
Network	RJ45 Gigabit Ethernet, 2.4G+5.0G Dual Band WiFi (802.11ac)
Bluetooth	Bluetooth 4.2
Audio	3.5mm Audio-in/out Jack
Cooling Method	Air Cooling (Fan and Heat Sink)
Dimensions	Approx. 5 x 5 x 2.1 inches
Mounting	VESA Mountable

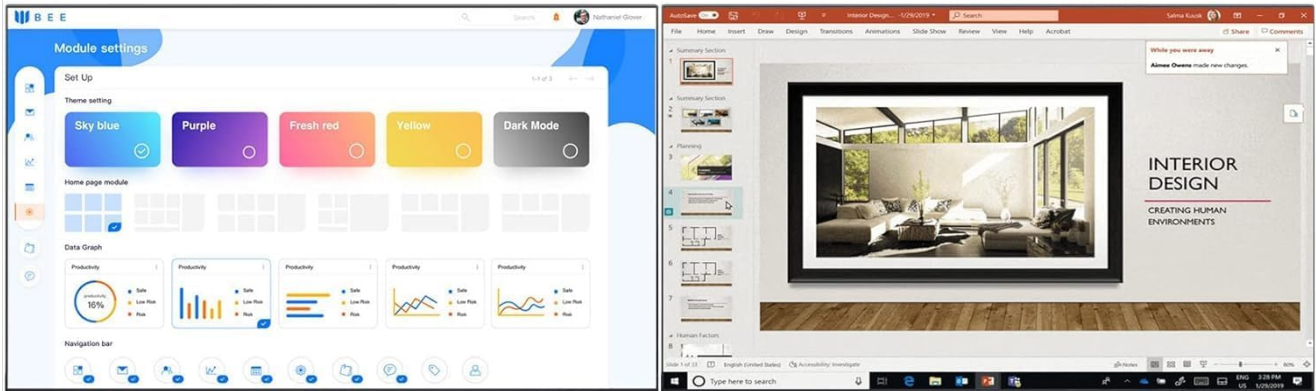
9. STORAGE EXPANSION AND UPGRADES

The Blackview MP60 Mini PC offers options for storage expansion:

- **M.2 SSD:** The pre-installed 512GB M.2 2280 SSD can be upgraded to a larger capacity, up to 2TB. Note that replacing the primary SSD will require reinstalling the operating system.
- **2.5-inch SATA Drive:** An empty bay is available for adding an additional 2.5-inch SATA SSD or HDD, supporting up to 2TB of extra storage. This allows for significant expansion without replacing the primary drive.
- **RAM:** The 16GB DDR4 RAM is soldered onto the motherboard and is not user-upgradeable.

To access the internal components for storage upgrades, you will need to carefully remove the bottom panel. This involves unscrewing the two visible screws and then removing the four sticky feet to reveal additional screws. Once these are removed, the bottom panel can be detached to access the M.2 slot and the 2.5-inch drive bay.

High-Speed Performance for Work and Play



2.4G+5G



1000Mb/S



Bluetooth 4.2

Image: An internal view of the Blackview MP60 Mini PC, illustrating the layout of the motherboard, M.2 SSD, cooling fan, and other components relevant for potential upgrades.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included in your product packaging or visit the official Blackview support website. Keep your purchase receipt as proof of purchase for warranty claims.