

MOKiN B0CG5FVTJH

MOKiN M.2 NVMe SATA SSD Enclosure Adapter + NVMe M.2 Duplicator User Manual

Model: B0CG5FVTJH

INTRODUCTION

This manual provides comprehensive instructions for the MOKiN M.2 NVMe SATA SSD Enclosure Adapter and NVMe M.2 Duplicator. This device functions as both a high-speed external SSD enclosure and an offline M.2 SSD duplicator, designed for efficient data management and cloning. Please read this manual thoroughly before operation to ensure proper use and optimal performance.

PRODUCT FEATURES

- **Dual-Bay Design:** Supports two M.2 NVMe SSDs for simultaneous use or cloning.
- **Offline Clone Functionality:** Enables direct SSD-to-SSD cloning without requiring a computer connection.
- **High-Speed Data Transfer:** Achieves up to 10Gbps transmission speeds via USB 3.2 Gen 2.
- **Automatic Heat Dissipation:** Features a built-in cooling fan to prevent overheating and ensure drive longevity.
- **Tool-Free Installation:** Simple and quick SSD installation using secure clips.
- **Intelligent LED Indicator:** Provides clear progress updates during offline cloning.
- **Wide Compatibility:** Compatible with Windows, Linux, Mac OS, and Chrome OS.
- **Versatile Connectivity:** Includes USB-C to C and USB-C to A cables for broad device support.

PACKAGE CONTENTS

- MOKiN M.2 NVMe/SATA Duplicator Enclosure
- USB-C to USB-C Cable
- USB-C to USB-A Cable
- Power Adapter
- User Manual (this document)



Image: The MOKiN M.2 NVMe Duplicator unit shown with its included power adapter and two USB cables (USB-C to USB-C and USB-C to USB-A).

SPECIFICATIONS

Brand	MOKiN
Model	B0CG5FVTJH
Hardware Interface	USB 3.2 Gen 2 (10Gbps)
Compatible SSDs	M.2 NVMe SSDs (sizes 2230/2242/2260/2280)
Supported Operating Systems	Windows, Linux, Mac OS, Chrome OS
Material	Aluminum
Cooling System	Built-in Cooling Fan

1. SSD Installation (Tool-Free)

1. Gently slide open the top cover of the enclosure.
2. Insert your M.2 NVMe SSD into the appropriate slot (Source or Target) at a slight angle.
3. Press down the SSD and secure it with the provided tool-free clip. Ensure the SSD is firmly seated.
4. Repeat for the second SSD if installing two.
5. Close the top cover.



Image: The MOKiN M.2 NVMe Duplicator with its top cover open, revealing the two M.2 SSD slots and the integrated cooling fan.

2. Power and Connection

- Connect the provided power adapter to the DC IN port on the duplicator and plug it into a power outlet.
- For use as an external enclosure, connect the duplicator to your computer using either the USB-C to C or USB-C to A cable.

2-in-1 NVMe Enclosure

Use as an online dual-bay NVMe enclosure or
offline clone duplicator



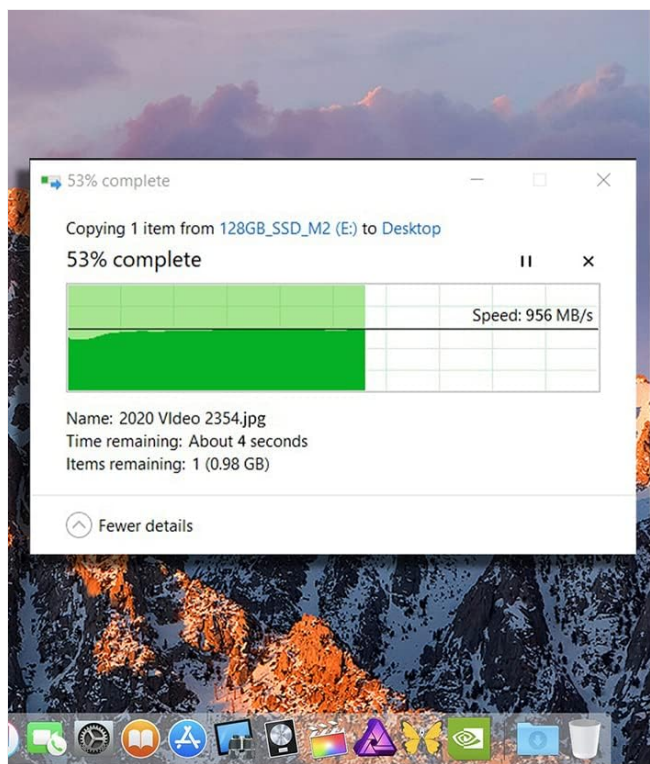
Image: The MOKiN M.2 NVMe Duplicator connected to a laptop, demonstrating its use as an external enclosure.

OPERATING INSTRUCTIONS

1. External Enclosure Mode (Online Use)

When connected to a computer via USB, the device functions as a dual-bay external M.2 SSD enclosure. You can access and manage data on the installed SSDs directly from your computer.

- Ensure SSDs are installed and the device is powered on.
- Connect the device to your computer using the appropriate USB cable.
- The SSDs will appear as removable drives in your operating system.
- You can now transfer files, format drives, or perform other disk operations.



Transferring

5,000 (1GB) Photos

	M.2 NVMe	M.2 SATA
Write	4-30s	2m 11s
Read	3-27s	49s

NVMe 986M/S

SATA 428M/S

* The experience data does not represent the final speed

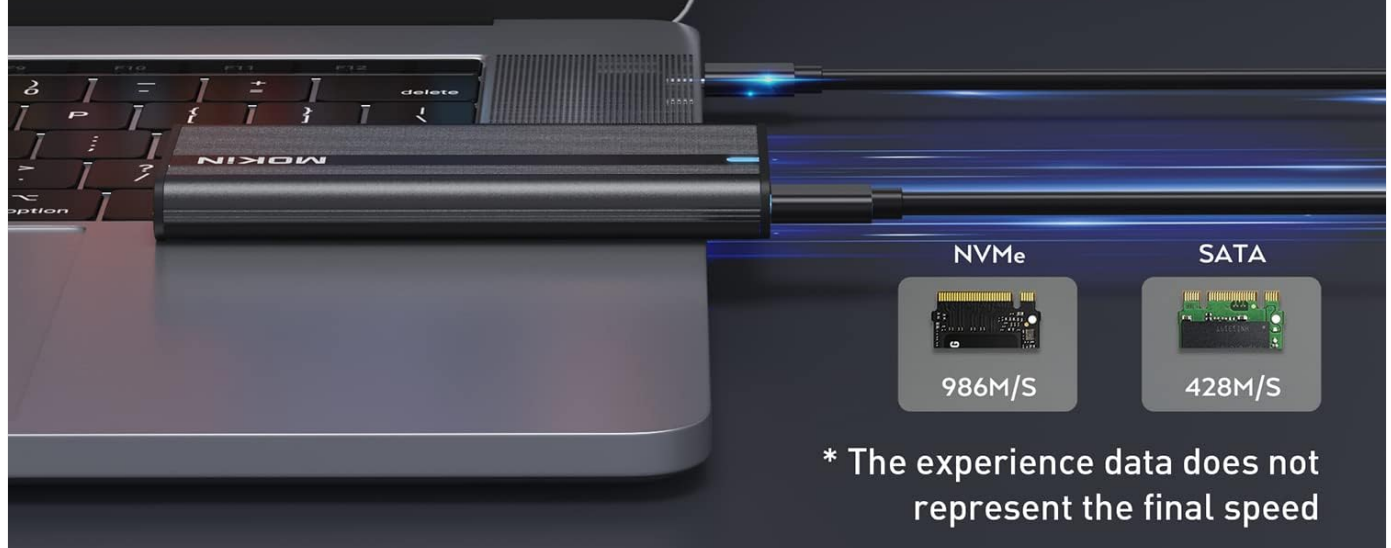


Image: A laptop screen displaying a file transfer in progress, illustrating the high-speed data transfer capabilities of the MOKiN enclosure when used as an external drive.

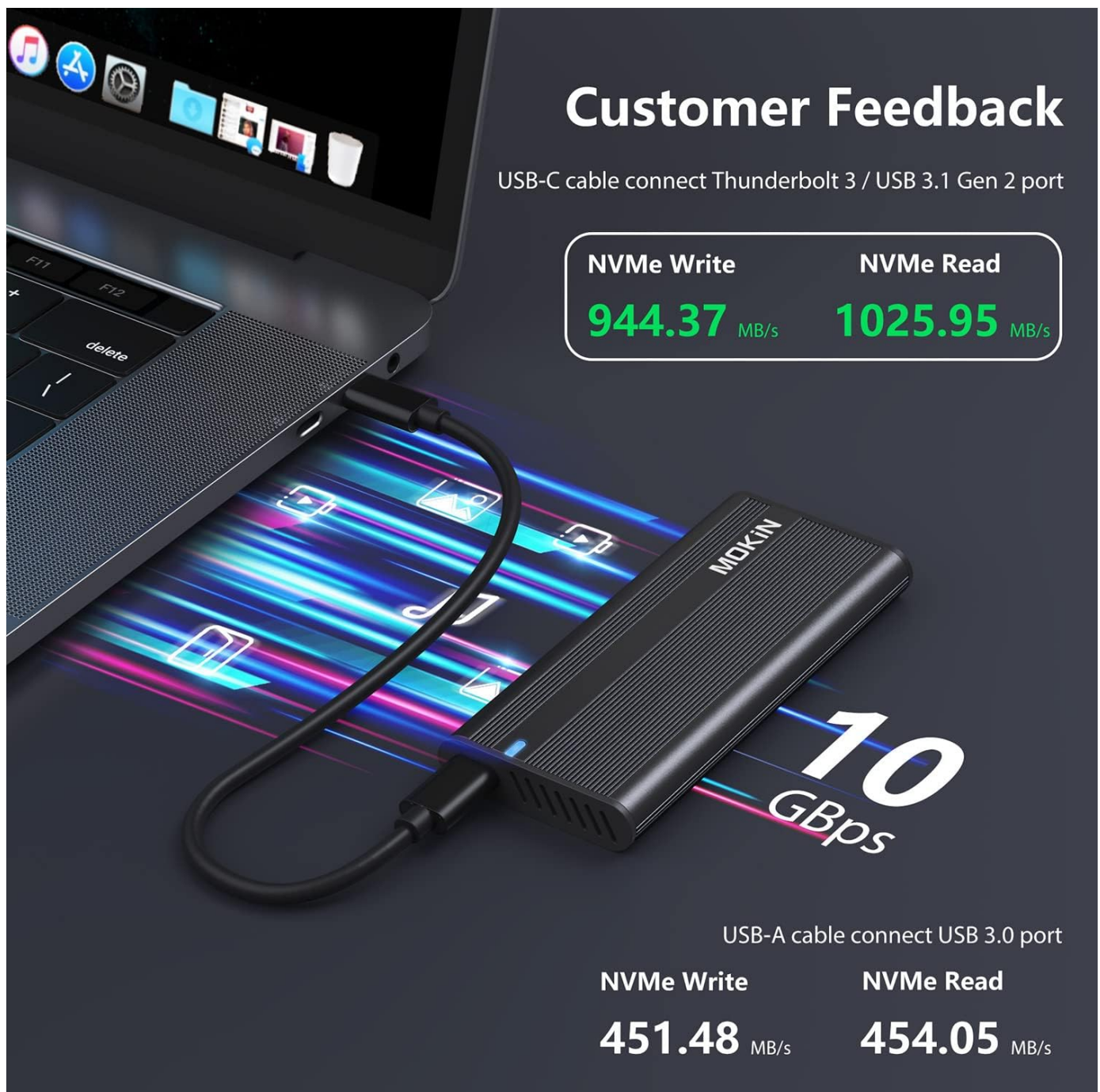


Image: A graphic illustrating the high read and write speeds achievable with the MOKiN enclosure, showing performance differences between USB-C and USB-A connections.

2. Offline Clone Mode

The offline clone function allows you to duplicate an SSD without connecting to a computer. This is ideal for system backups or drive upgrades.

1. Ensure the device is disconnected from any computer.
2. Insert the **Source SSD** (the drive you want to clone from) into the "SOURCE" slot.
3. Insert the **Target SSD** (the drive you want to clone to) into the "TARGET" slot.
4. **Important:** The capacity of the Target SSD must be **equal to or larger than** the Source SSD.
5. Connect the power adapter to the device and a power outlet.
6. Press and hold the "CLONE" button for approximately 3 seconds until the LED indicators begin to flash.
7. Release the button. The cloning process will begin.
8. Monitor the LED indicators (25%, 50%, 75%, 100%) to track the cloning progress.

9. Once the 100% LED indicator is solid blue, the cloning process is complete.
10. Safely disconnect the power adapter and remove the SSDs.

Tool-free Offline Clone

Clone 500GB m.2 SSD in about 10 mins
as tested (about 883M/s)

SSD Capacity requirement
Target ≥ Source



Image: A visual guide demonstrating the tool-free offline cloning process, highlighting the requirement for the Target SSD's capacity to be greater than or equal to the Source SSD's capacity.

MAINTENANCE

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Ensure proper ventilation around the device, especially during extended operation, to allow the built-in fan to function effectively.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble the device, as this will void the warranty and may cause damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not recognized by computer.	Loose cable connection, uninitialized SSD, incompatible USB port.	◦ Ensure USB cable is securely connected to both the device and the computer. ◦ Try a different USB port on your computer. ◦ For new SSDs, ensure they are initialized and formatted in Disk Management (Windows) or Disk Utility (macOS). ◦ Try a different USB cable.
Offline cloning fails or stops.	Target SSD capacity too small, unstable power, SSD errors.	◦ Verify that the Target SSD's capacity is equal to or larger than the Source SSD's capacity. ◦ Ensure the power adapter is securely connected and providing stable power. ◦ Check both Source and Target SSDs for errors using disk utility software on a computer before cloning. ◦ Ensure SSDs are properly seated in their slots.
Slow transfer speeds.	Using a slower USB port (e.g., USB 2.0), cable quality, SSD performance.	◦ Connect the device to a USB 3.0 (blue port) or USB 3.2 Gen 2 (10Gbps) port on your computer. ◦ Ensure you are using the provided high-quality USB cables. ◦ SSD performance can vary; ensure your SSDs are capable of high speeds.

Safety Information

- Do not expose the device to water or other liquids.
- Avoid dropping or subjecting the device to strong impacts.
- Use only the provided power adapter. Using unauthorized adapters may damage the device.
- Keep out of reach of children.
- Disconnect power before cleaning or when not in use for extended periods.

Warranty and Support

MOKiN products are designed for reliability and performance. For warranty information or technical support, please refer to the warranty card included with your product or visit the official MOKiN website. Please have your product model and purchase information ready when contacting support.

MOKiN Official Store: [Visit MOKiN Store on Amazon](#)

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