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> GiGimundo G40 USB4 40Gbps Portable SSD 1TB Instruction Manual

GiGimundo G40-1TB

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Model: G40-1TB

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your GiGimundo G40 USB4 40Gbps Portable SSD 1TB. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

Package Contents:

- GiGimundo G40 USB4 40Gbps Portable SSD 1TB
- 1 x USB Type-C Data Cable
- User Manual (this document)



Figure 1.1: GiGimundo G40 Portable SSD with USB-C to USB-C cable and USB-C to USB-A adapter.

2. SPECIFICATIONS

Feature	Detail
Model	G40-1TB
Capacity	1 TB
Interface	USB4 (backward compatible with USB 3.2 Gen 2x2, USB 3.2 Gen 2, USB 3.0)
Max Transfer Speed	Up to 40Gbps (theoretical), up to 3200MB/s (actual)
Dimensions (LxWxH)	5.55 x 1.85 x 0.71 inches (14.1 x 4.7 x 1.8 cm)

Feature	Detail
Weight	5.6 ounces (158.7 grams)
Material	CNC Machined Aluminum
Cooling	Built-in Active Turbo Cooling Fan
Compatibility	Linux, Mac (Thunderbolt 3/4, USB4), PC (Thunderbolt 3/4, USB4)
Special Features	Shock Resistant, Dust Resistant, Portable, TRIM Support



Figure 2.1: Physical dimensions of the GiGimundo G40 Portable SSD.

3. SETUP

3.1 Connecting the SSD

1. Identify the USB-C port on your computer (PC, Mac, or laptop) that supports USB4 or Thunderbolt 3/4. For optimal performance, use a port that supports the highest available speed.
2. Connect one end of the included USB Type-C data cable to the USB-C port on the GiGimundo G40 SSD.
3. Connect the other end of the USB Type-C data cable to the compatible USB-C port on your computer. If your computer only has USB-A ports, use the provided USB-C to USB-A adapter with the cable. Note that using a USB-A connection will result in lower transfer speeds.
4. The SSD will power on automatically upon connection.



Figure 3.1: Connecting the G40 SSD to a computer.

3.2 Initializing and Formatting the SSD

The GiGimundo G40 SSD does not require software installation. However, it may need to be initialized and formatted before first use, depending on your operating system and intended use. Follow the instructions for your specific operating system:

For Windows:

1. Right-click on the Start button and select "Disk Management".
2. Locate the GiGimundo G40 SSD (it may appear as "Unallocated" or "Not Initialized").
3. Right-click on the disk and select "Initialize Disk". Choose MBR (Master Boot Record) for drives up to 2TB or GPT (GUID Partition Table) for drives larger than 2TB (GPT is generally recommended for modern systems).
4. Right-click on the unallocated space and select "New Simple Volume". Follow the wizard to assign a drive letter and format the drive. NTFS is recommended for Windows systems.

For macOS:

1. Open "Disk Utility" (Applications > Utilities > Disk Utility).
2. Select the GiGimundo G40 SSD from the sidebar.
3. Click "Erase" from the toolbar.
4. Choose a Name for the drive, select a Format (e.g., APFS for macOS 10.13 or later, Mac OS Extended (Journaled) for older macOS versions), and a Scheme (GUID Partition Map).
5. Click "Erase" to confirm.

Once formatted, the SSD will appear as a usable drive on your system.

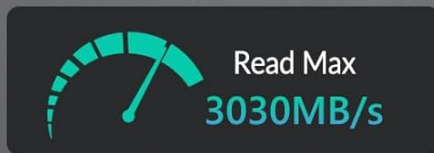
4. OPERATING THE GiGIMUNDO G40 SSD

4.1 Data Transfer

To transfer files, simply drag and drop them to and from the GiGimundo G40 SSD icon on your desktop or in your file explorer/finder. The G40 is designed for ultra-fast data transfer, making it suitable for large files and demanding applications.

Ultra Fast Data Transfer

Excellent for TBT3/4 & USB4, enhance your Macs



Note: Final performance will vary depending on the host device and SSD

Figure 4.1: Example of high-speed data transfer performance on a MacBook.

Excellent for USB4/TBT4

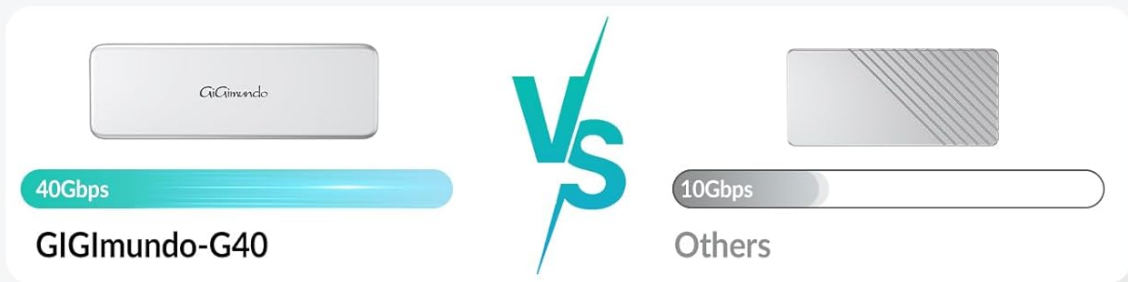


Figure 4.2: Speed comparison illustrating the G40's 40Gbps capability.

Note: Actual transfer speeds may vary depending on your host device, operating system, file types, and the specific SSD installed.

4.2 Using for Creative Workflows

The high-speed capabilities of the G40 SSD allow content creators and creative professionals to work directly from the drive without transferring raw files to their computer's internal storage. This includes:

- Video editing (4K/8K footage)
- 3D rendering
- Graphic design with large project files
- High-resolution photo editing

More Convenient

Direct editing without transferring, saving internal storage



Figure 4.3: Direct video editing from the G40 SSD.

4.3 Safe Removal

Always safely eject the GiGimundo G40 SSD before disconnecting it from your computer to prevent data corruption. This can typically be done by:

- **Windows:** Right-click on the drive icon in "This PC" or the system tray icon for "Safely Remove Hardware and Eject Media", then select the G40 SSD.
- **macOS:** Drag the drive icon from your desktop to the Trash, or click the Eject button next to the drive name in Finder.

5. MAINTENANCE

5.1 Cleaning

Wipe the exterior of the SSD with a soft, dry, lint-free cloth. Do not use liquid cleaners or solvents, as these can damage

the device.

5.2 Heat Management

The GiGimundo G40 features a built-in active turbo cooling fan and CNC machined aluminum casing for efficient heat dissipation. Ensure that the air vents on the SSD are not obstructed during operation to maintain optimal cooling performance.



Figure 5.1: Internal cooling components of the G40 SSD.

5.3 Data Backup

While the G40 SSD is built for endurance and shock resistance, it is crucial to regularly back up important data to other storage solutions. This device is primarily designed as a high-performance external work drive for active data processing. For long-term archival, consider backing up critical files to cold storage drives or cloud services to improve efficiency and extend the lifespan of your G40 SSD.

Shock Resistance

Lightweight aluminum alloy frame, drop-proof up to 1 meter



Figure 5.2: The G40 SSD features shock resistance for durability.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
SSD not detected by computer.	<ul style="list-style-type: none">Loose cable connection.Incorrect port used.SSD not initialized/formatted.Faulty cable.	<ul style="list-style-type: none">Ensure the USB cable is securely connected to both the SSD and the computer.Try a different USB-C port on your computer, preferably one supporting USB4 or Thunderbolt.Refer to Section 3.2 for initializing and formatting instructions.Try using a different USB-C data cable, ensuring it supports USB4 speeds.

Problem	Possible Cause	Solution
Slow data transfer speeds.	<ul style="list-style-type: none"> Using a non-USB4/Thunderbolt port. Using a non-USB4 cable or adapter. Background processes consuming bandwidth. SSD nearing full capacity. 	<ul style="list-style-type: none"> Connect the SSD to a USB4 or Thunderbolt 3/4 port on your computer. Ensure you are using the included USB Type-C data cable or another certified USB4 cable. Close unnecessary applications and processes during large transfers. Ensure sufficient free space on the SSD.
SSD feels warm during operation.	<ul style="list-style-type: none"> Normal operation during heavy use. Obstructed air vents. 	<ul style="list-style-type: none"> This is normal for high-performance SSDs, especially with the active cooling fan working. Ensure the SSD's air vents are clear and not covered.
Data corruption or loss.	<ul style="list-style-type: none"> Improper ejection. Power interruption during transfer. 	<ul style="list-style-type: none"> Always safely eject the SSD before disconnecting (refer to Section 4.3). Ensure stable power supply to your computer during data transfers. Regularly back up your data.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

GiGimundo products typically come with a limited manufacturer's warranty. Please refer to the warranty card included with your product or visit the official GiGimundo website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting, or product inquiries, please contact GiGimundo customer support through their official website or the contact information provided on your product packaging. When contacting support, please have your product model (G40-1TB) and purchase details ready.

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