

Technical data sheet



CU872 SSD Enclosure

Version: A/0

【Product Picture】



【Product Description】

The CU872 USB4 SSD Enclosure is designed to accommodate M.2 PCI-E NVMe SSDs, offering high-speed data transfer rates of up to 40Gbps. It is compatible with USB4 and Thunderbolt 3 devices, providing a fast and reliable solution for external storage and data backup.

【Tech Specs】

Technical Specification	Description
Model	CU872
Color	Gray
Port Type	USB Type-C, M.2
USB Version	USB 4
USB Ports	USB-C Ports
SSD Ports	M.2 KEY M
Protocol	M.2 NVMe
Data Transfer Speed	Up to 40Gbps
Max Capacity	4TB
Support System	Windows, Mac OS
Compatibility	M.2 NVMe M Key & (M+B) Key 2280 SSD
Main body material	Aluminum
Package Size	110*160*32mm
Weight	216g

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【Features】

1. **High-speed Data Transfer:** Adopting USB 4 technology, it supports up to 40Gbps data transfer speed, ensuring stable and efficient data transfer.
2. **Portability:** Convert an idle SSD into a removable hard drive, making it easy to carry important data and expand your life's enjoyment.
3. **Compatibility:** Compatible with M.2 PCI-E NVMe SSD, USB4 and Thunderbolt 3 devices
4. **Elegant Design:** Ultra-thin aluminium alloy case design is both stylish and durable for heat dissipation.
5. **Thermal Management:** Integrated heatsink design provides optimal heat dissipation for high-speed running NVMe SSDs.
6. **Plug and Play:** Supports hot-plugging for simple installation without additional drivers.
7. **No additional Power Supply:** Powered by USB port of computer, no additional power supply required.

【Application Environment】

1. **Data Transfer and Backup:** With its high-speed transmission, it can be used to quickly transfer data from one device to another, or to backup important data.
2. **Mobile Storage Solution:** Due to its compact size and portability, it can be used as a mobile hard disc, which is convenient for users to move and store data between different devices.
3. **System Boot Disk:** A boot disk can be created for system installation, maintenance or recovery, especially useful when multiple system environments need to be booted quickly.

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4. **Video Editing and Processing:** For users who need to work with a large number of video files, the high-speed read/write performance provided by the M.2 NVMe HDD enclosure can significantly improve work efficiency.
5. **Game Storage:** For gamers, games can be installed in the M.2 NVMe HDD enclosure to enjoy a fast loading and running game experience.
6. **Enterprise Data Management:** In an enterprise environment, M.2 NVMe HDD enclosures can be used for fast data transfer and backup to improve data management efficiency.
7. **Server Storage Expansion:** In server environments, M.2 NVMe HDD enclosures can be used as storage expansion to provide additional storage space and high-speed data access.

【Important Notice】

1. **Compatibility Note:** Make sure your M.2 SSD is compatible with the PCI-E NVMe protocol and that the host device USB interface supports USB 4 or higher for optimal performance.
2. **Avoid using USB extension cables:** The quality of USB extension cables can be faulty, which may result in data synchronisation errors and affect the normal operation of the removable drive. If the USB port on the front of the chassis is not working properly, it is most likely a power issue and you should try plugging the portable drive into the USB port on the rear panel of the motherboard.
3. **Operation Precautions:** Please avoid using excessive force when inserting or removing the SSD to avoid damaging the chassis or the SSD.

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4. **Storage Advice:** Store the chassis in a cool, dry place away from direct sunlight and humidity.