# **Technical data sheet**





Version: A/0

[Product Picture]



### [Product Description]

The CU875N M.2 NVMe Enclosure is built for extreme-speed data transfer, supporting the latest Thunderbolt 5 protocol with a blazing-fast transfer speed of 80Gbps. Designed for high-performance applications, it ensures efficient and stable data transmission through NVMe protocol. The aluminum alloy enclosure with an integrated fan cooling system provides exceptional heat dissipation, ensuring optimal SSD performance even under heavy workloads.

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**CU875N SSD Enclosure** 

### [Tech Specs]

| Technical Specification | Description                      |
|-------------------------|----------------------------------|
| Model                   | CU875N                           |
| Color                   | Gray                             |
| Host Connectors         | 1xUSB Type-C                     |
| USB Version             | Thunderbolt 5                    |
| M.2 Slot                | 1xM.2 KEY M                      |
| SSD Protocol            | NVMe                             |
| Data Transfer Speed     | Up to 80Gbps                     |
| SSD Compatibility       | M.2 NVMe M & B+M Key SSD         |
| Supported SSD SIZE      | 2280                             |
| Cooling System          | Active fan cooling               |
| Plug and Play           | Yes                              |
| Compatible system       | Windows, Mac OS                  |
| Cable Type              | Type CM to Type CM               |
| material                | Aluminum alloy                   |
| Bare Weight             | 132g                             |
| Dimensions              | 96.6mm x 53.0mm x 16.1mm (LxWxH) |

#### [Features]

- **1. Ultra-Fast 80Gbps Transfer Speed:** Supports Thunderbolt 5, offering unmatched performance for high-speed data access and professional workloads.
- 2. Optimized for NVMe SSDs: Provides direct NVMe protocol support for maximum efficiency.
- **3. Advanced Cooling System:** Built-in fan cooling combined with aluminum alloy construction ensures sustained performance and longevity.
- **4. Compact and Durable Design:** Sturdy aluminum alloy body with a compact form factor enhances portability and reliability.

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**5. Seamless Compatibility:** Works with Windows and macOS systems, supporting plug-and-play functionality.

#### [Application Environment]

- **1. High-Performance Data Processing:** Ideal for 4K/8K video editing, 3D rendering, and AI workloads requiring extreme-speed storage.
- **2. Portable Storage Solution:** A convenient external SSD enclosure for professionals on the go.
- **3. Data Backup & Recovery:** Fast and secure solution for large-scale data backup or system recovery.
- **4. Enterprise & Server Applications:** Suitable for businesses needing reliable high-speed external NVMe storage.

#### [Important Notice]

- **1. SSD Compatibility:** Ensure your M.2 2280 NVMe SSD is compatible for optimal performance.
- **2. Host Device Requirements:** Verify that your host device supports Thunderbolt 5 to achieve maximum transfer speeds.
- **3. Environmental Protection:** Keep the CU875N in a controlled environment, free from excessive heat, dust, and moisture.
- **4. Proper Handling:** Handle the SSD and enclosure carefully to avoid any physical damage during installation or removal.