

【Product Picture】



【Product Description】

The CU854N SSD Enclosure is a multifunctional device that serves as an M.2 NVMe SSD adapter and also features high-speed Power Delivery (PD) 3.0 fast charging capabilities. Designed to support M.2 NVMe SSDs with capacities up to 2TB, it ensures swift data transfer rates and charging capabilities. This device is compatible with a variety of operating systems, offering a convenient solution for external storage and data backup needs.

Technical data sheet



CU854N SSD Enclosure

Version: A/1

【Tech Specs】

Technical Specification	Description
Model	CU854N
Color	White
Host Connectors	1xUSB Type-C
USB Version	USB 3.1 GEN2
SSD Ports	1xM.2 KEY M
Protocol	NVMe
Data Transfer Speed	Up to10Gbps
Max Capacity	2TB
SSD Compatibility	M.2 NVMe M&B+M Key SSD
Supported SSD SIZE	2230
USB-C Power Delivery	1xUSB-C PD3.0 Port (Power Delivery)
Charging Ports	Yes
Fast Charging Support	Yes (PD3.0 Up to 90W)
LED Indicators	Power indicator, Data transfer indicator
Compatible system	Windows, Mac OS, Android
Cable Type	Type CM toType CM
Cable Length	57mm
Main body material	ABS
Operating Temperature	20~60℃ (Recommended temperature for use on a cell phone is 0-28℃)
Storage Temperature	-25~75℃
Bare Weight	48.0g
Dimensions	70mm x 60mm x 12mm (LxWxH)
Additional Features	Magnetic Bases

【Features】

1. **High-Speed Data Transfer:** With support for the NVMe protocol, the enclosure offers ultra-fast data transfer speeds, enhancing productivity and efficiency.
2. **Universal Compatibility:** It is compatible with a wide range of systems, ensuring seamless integration with various devices.
3. **Robust Construction:** The ABS plastic body ensures durability and protection for the SSD.
4. **Magnetic Base:** Equipped with a magnetic base for quick fixing and use on magnetic surfaces of the device, providing a convenient use experience and stable support..
5. **PD3.0 Charging Port:** Offers high-speed charging capabilities for mobile devices, adding convenience for users on the go.

【Application Environment】

1. **Personal Backup:** Secure backup for personal computer data.
2. **Business Travel:** Convenient for carrying work documents while traveling.
3. **Data Transfer:** Efficient migration of large data sets.
4. **Media Storage:** Suitable for storing large media files for professionals.
5. **Mobile Work:** Portable storage solution for work files and applications.
6. **Data Sharing:** Useful for sharing project files and research in team settings.
7. **Home Entertainment:** Ideal for storing and transporting entertainment content.
8. **Technology Enthusiasts:** Good for experimenting with different OS or software.

【Important Notice】

1. **Compatibility Note:** Check M.2 SSD and host device USB interface compatibility for optimal performance.
2. **Avoid USB Extension Cables:** To prevent potential data errors and ensure normal operation.
3. **Operation Precautions:** Use care when inserting or removing the SSD to prevent damage. Avoid using excessive force.
4. **Storage Advice:** Store the enclosure in a cool, dry place away from direct sunlight and humidity.

5. **Heat dissipation requirements:** use on mobile phones, be careful not to use for a long time leading to overheating protection of mobile phones.
6. **Cable Protocol:** Ensure the cable inserted conforms to the protocol.
7. **PIN Needle Condition:** Check for any depression or bending of the product's internal PIN needles.
8. **Connector Protection:** Be cautious not to splash liquids into the connectors.
9. **Mobile Device Connection:** When using with mobile devices, connect the PD first, then the device to ensure proper functionality.
10. **Hot Swap Interval:** Allow at least 5 seconds interval for hot plugging and unplugging of the connectors.