USB Dock NVMe/SATA Dual-Bay (10Gbps)

ER1261D

Product Picture

Product Overview

This dual-bay hard drive docking station is designed for professionals and power users who need fast, flexible, and reliable storage management. It supports both traditional SATA drives and modern M.2 NVMe SSDs in one compact dock, allowing you to transfer data, back-up drives, or clone disks offline at high speed. Ideal for system upgrades, data recovery, content creators, and IT maintenance.

Product Highlights / Features

- USB 3.2 Gen2 high-speed interface (up to 10Gbps)
- Supports 2.5” & 3.5” SATA HDD/SSD (up to 26mm thickness)
- Dedicated M.2 NVMe SSD slot
- Supports SATA 6Gbps & NVMe 10Gbps transmission
- Offline one-key cloning function
- UASP & TRIM supported for faster performance
- Supports up to **28TB total capacity** (20TB SATA + 8TB NVMe)
- Plug & play, hot-swappable design
- Supports FAT32 / NTFS / exFAT / EXT4 disk formats
- Multi-system compatible: Windows, macOS, Linux

Technical Specifications

Specification	Details
Brand	EiRA
SKU Code	ER1261D
Product Name	USB Dock NVMe/SATA Dual-Bay (10Gbps)
Interface	USB-C (USB 3.2 Gen2)
Data Speed	SATA: Up to 6GbpsNVMe: Up to 10Gbps
Drive Support	2.5” SATA HDD/SSD3.5” SATA HDDM.2 NVMe SSD
Cloning Mode	Offline copy without computer
Power Supply	External power adapter
Maximum Capacity	Up to 28TB total (20TB SATA + 8TB NVMe)
LED Indicators	Power / SATA / NVMe / Clone progress

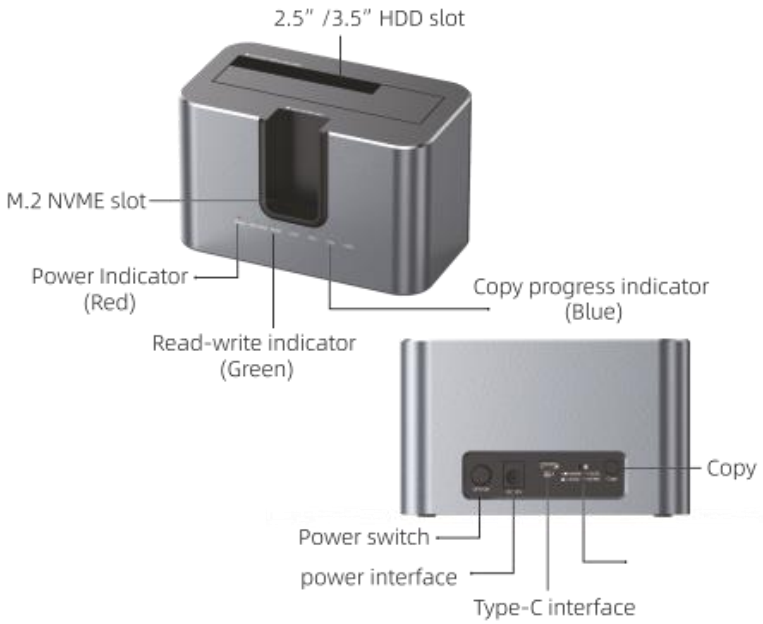
Package Content

- Dual-bay docking station
- Power adapter
- USB-C cable
- User manual

Application Industry

- Hard drive cloning & backup
- Data migration
- Drive testing & recovery
- High-speed external storage expansion

Structure Description



1. **Power Switch**: Turns the main power of the device ON / OFF.
2. **DC 12V Power Input**: Connect the supplied 12V power adapter here to power the docking station.
3. **USB-C Data Port**: USB 3.2 Gen2 interface for connecting the docking station to your computer for data transfer.
4. **Clone Direction Switch (Toggle Switch):** Selects the copy direction when using **offline cloning mode**.

   Copy Mode 1 – SATA ➜ NVMe
   Switch to the left (near the USB-C port)
   Copies data from the SATA drive to the NVMe SSD
   Note: The NVMe SSD capacity must be equal to or larger than the SATA drive.

   Copy Mode 2 – NVMe ➜ SATA
   Switch to the right (near the COPY button)
   Copies data from the NVMe SSD to the SATA drive
   Note: The SATA drive capacity must be equal to or larger than the NVMe SSD.

5. **COPY Button:** After inserting both drives and powering on the unit without connecting the USB cable, press and hold the COPY button for 3–5 seconds to start offline cloning.
6. **SATA Drive Slot (2.5” / 3.5”):** Supports 3.5” SATA HDD, 2.5” SATA HDD / SSD
7. **M.2 NVMe SSD Slot**: Supports M-Key or B+M Key M.2 NVMe PCIe SSDs.
8. **Red Power Indicator**: Lights up when the docking station is powered on.
9. **Green SATA Activity Indicator**: Flashes when the SATA drive is reading or writing data. Turns off when the drive enters sleep mode.
10. **Green NVMe Activity Indicator**: Flashes when the M.2 NVMe SSD is reading or writing data. Turns off when the drive enters sleep mode.
11–14. **Blue Clone Progress Indicators**: Show cloning progress during offline copy
    - 25% – First blue light
    - 50% – Second blue light
    - 75% – Third blue light
    - 100% – Fourth blue light (clone complete)

Important Notes

- Activity lights remain **off when no drive is inserted**.
- Large capacity 3.5” HDDs (8TB or above) require higher startup power.
- If the NVMe drive is detected first, please wait about **30 seconds** for the HDD to initialize properly.
- Do not remove drives or cut power during cloning.

Installation Steps

1. Connect the power adapter to the docking station.
2. Insert the SATA HDD/SSD into the large slot.
3. Insert the M.2 NVMe SSD into the NVMe slot.
4. Connect the USB cable to your computer.
5. Turn on the power switch.
6. The system will automatically recognize the drives.

One-Key Clone Function (Offline)

Allows copying data from one drive to another without a computer.

Before You Start

- Insert the **source drive** and the **target drive** into the correct slots.
- Make sure the **target drive capacity is equal to or larger than the source drive**.
- Set the **copy direction switch** correctly.
- Connect the **DC power adapter** (USB-C power supply is not supported for cloning).
- **Do not connect** the USB cable to a computer.

Note: All data on the target drive will be erased.

One-Key Clone Steps

1. Connect the **DC power adapter** and turn on the device.
2. Wait until the **green drive indicator light stays solid**.
3. Wait an additional **5 seconds**.
4. Press and hold the **COPY** button for **about 5 seconds** until all four blue progress lights start flashing.
5. Release the button, then **press the COPY button once again** to confirm.
6. The **25% progress light will start flashing**, indicating cloning has started.
7. The progress lights will turn on one by one (25% → 50% → 75% → 100%).
8. When **all four blue lights remain solid**, cloning is complete.

Indicator Light Status

- Flashing blue lights: cloning in progress
- All blue lights solid: cloning completed successfully

Important Notes

1. The source drive capacity must be **less than or equal to** the target drive. Otherwise, cloning will fail.
2. After offline cloning, the copied drive may appear as **unallocated or offline** when connected to a computer. You may need to restore it in **Disk Management** before normal use.

   Right-click This PC → Manage → Disk Management → Set disk to *Online* / assign drive letter.

3. Do not power off the device or remove any drive while cloning is in progress.

HDD Formatting on Computer (Windows)

1. Right-click “This PC” → Manage → Disk Management
2. Find the new disk → Right-click → Initialize Disk
3. Create New Simple Volume
4. Select file system (NTFS / exFAT / FAT32)
5. Finish formatting

LED Indicator Status

1. **Power LED:** Device powered on
2. **SATA LED:** SATA drive detected
3. **NVMe LED:** NVMe drive detected
4. **Clone LEDs:** Show cloning progress (25% / 50% / 75% / 100%)

Important Notes

- Product does not include hard drives or SSDs.
- Ensure stable power supply during cloning.
- Target disk capacity must be equal to or larger than source disk.
- Use external power for 3.5” hard drives.
- Do not remove drives during operation.

FAQ

Q: Computer cannot detect the drive?
A: Check power adapter, USB cable, and disk formatting.
Q: Clone fails or stops?
A: Ensure target drive has larger capacity and stable power.
Q: Speed is slow?
A: Make sure USB 3.2 port and UASP drivers are enabled.

Support

For technical support, contact us at:
📞 +91-8800692207 (Mon–Sat, 11:00 AM – 5:30 PM)
🌐 Online Support: https://eiratek.com/customer-support/