

TERRAMASTER D8 Hybrid DAS 8-bay Drive Enclosure



Model: D8 Hybrid

Manufacturer: TERRAMASTER

EAN: 6939236145503

Product Code: 1253811

R8,085

TerraMaster D8 Hybrid DAS Enclosure with 8 Bays

The TerraMaster D8 Hybrid is a modern DAS enclosure equipped with 8 bays that combines the capacity of traditional SATA HDDs with the high performance of M.2 NVMe SSDs. The design supports 4 SATA drives and 4 M.2 NVMe drives, offering a maximum raw capacity of up to 120 TB. Thanks to the USB 3.2 Gen 2 Type-C interface with a bandwidth of up to 10 Gb/s, the device ensures fast data transfer and seamless compatibility with computers running Windows, macOS, and Linux. It's a practical solution for users who need ample space for files, backups, and projects requiring fast data access.

A combination of fast SSDs and high-capacity HDDs

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The D8 Hybrid is designed for efficient management of various types of data. Users can store their most frequently used files on high-performance M.2 NVMe SSDs, while archiving, multimedia, and backups can be stored on high-capacity HDDs. This solution allows for better use of available space and optimizes data storage costs. The ability to manually assign data to the appropriate storage media makes it easy to tailor the device to your individual workflow.

Fast data transfer for demanding users

The enclosure uses a USB 3.2 Gen 2 Type-C interface, which offers a bandwidth of up to 10 Gb/s. This makes copying large files, photo libraries, or video footage significantly faster than with older connection standards. Data read speeds from a single M.2 NVMe drive can reach up to 980 MB/s, which translates to smoother handling of demanding projects. This high performance reduces wait times for transfers and enhances the comfort of everyday work.

Hardware RAID for Greater Data Security

The TerraMaster D8 Hybrid offers hardware support for SINGLE DISK, JBOD, RAID 0, and RAID 1 modes. Selected modes are configured using a convenient switch located on the enclosure, allowing you to quickly adapt the device's operation to your current needs. Depending on the selected mode, users can boost performance or focus on protecting important data. An additional advantage is the automatic RAID rebuild feature, which enhances the security of stored files.

Wide compatibility and seamless interoperability between devices

Thanks to support for USB 3.0, USB 3.1, USB 3.2, USB4, Thunderbolt 3, and Thunderbolt 4 standards, the enclosure works seamlessly with a wide range of computers and devices. Support for the NTFS, APFS, EXT4, FAT32, and exFAT file systems enables convenient data exchange between different platforms. The exFAT format is particularly useful, as it supports large files and allows for easy transfer between Windows, macOS, and NAS devices. Since no additional drivers need to be installed, the device is ready to use immediately after connection.

Quiet Operation and Thoughtful Design

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Despite its ability to support eight storage drives, the TerraMaster D8 Hybrid remains compact and operates at a low noise level of approximately 21 dB(A). Effective cooling is provided by an intelligently controlled 120 mm fan that automatically adjusts its speed based on the device’s temperature. This helps maintain stable operating conditions even during intensive use of the storage. Additionally, the disk sleep function helps reduce power consumption during periods of inactivity.

Included

- TerraMaster D8 Hybrid enclosure
- AC power adapter
- Power cord
- USB-A to USB Type-C cable (10 Gb/s)
- Quick Installation Guide
- Set of mounting screws
- Warranty information

Manufacturer	TerraMaster
Model	D8 Hybrid
Number of bays	8 (4 × SATA + 4 × M.2 NVMe)
Supported SATA Drives	3.5" HDD, 2.5" HDD, 2.5" SSD
Supported M.2 Drives	M.2 2280 NVMe
Maximum raw capacity	up to 120 TB
Interface	USB 3.2 Gen 2 Type-C (10 Gb/s)
Supported file systems	NTFS, APFS, Mac OS, FAT32, EXT4, exFAT
RAID modes	SINGLE DISK, JBOD, RAID 0, RAID 1
Maximum SSD read speed	up to 1016 MB/s (4 × SSD)
Maximum SSD write speed	up to 960 MB/s (4 × SSD)
Maximum M.2 NVMe read speed	up to 980 MB/s
Maximum M.2 NVMe write speed	up to 880 MB/s

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Noise level	21 dB(A)
Dimensions	222 × 179 × 154 mm
Net weight	1.9 kg
Power supply	90 W

Compatible operating systems Windows, macOS, Linux

GPSR Link: https://psr-assets.innpro.pl/it_accessories/sg_it_accessories_drive_enclosures.pdf, Gross weight: 3100, Net weight: 1900, Box length: 27,50, Box width: 27,00, Box height: 18,00, PPWR: <https://ppwr.innpro.pl/terramaster>

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