

# TerraMaster D5-300

## Datasheet



D5-300 adopts USB3.0 5Gbps) SUPERSPEED protocol. In RAID 0, with desktop SSHD hard drives, the speed is up to 235MB/s (Read, max), and 210MB/s (Write, max).

## **USB Type-C interface**

D5-300 equipped with brand new USB type-C high-speed interface and compatible with Mac and Windows computers.

## **Up to 30TB storage capacity**

D5-300 can support five (5) SATA hard drives, is compatible with 6TB 3.5 inch SATA hard drive, and has a total storage capacity up to 30TB. (Note: users need to purchase their own hard drives. These are not included.)

## **Compatible with various hard drives**

D5-300 is compatible with various hard drives, such as 3.5 inch SATA hard drives (including WD Green hard drives, WD Red hard drives, WD Purple hard drives, and Enterprise hard drives), 2.5" SATA hard drives, and 2.5" SATA SSD.

## **Support multiple RAID**

D5-300 supports multiple RAID of RAID 0, RAID 1, RAID 3, RAID 5, RAID 10, JBOD, SINGLE and CLONE to better satisfy the various demands of users. \_

## **Aluminum Enclosure**

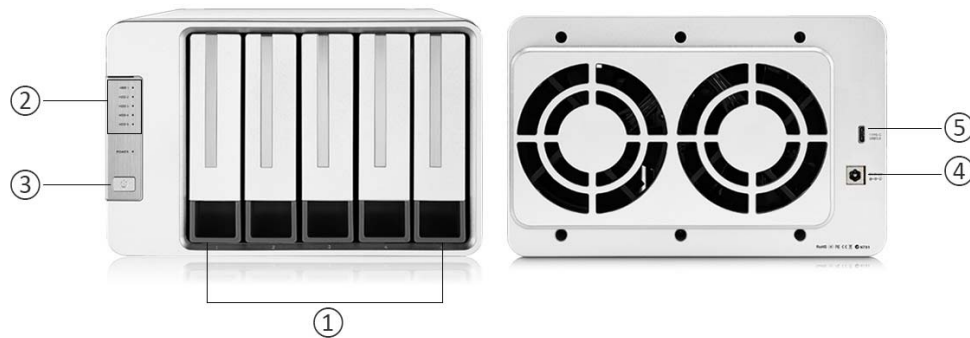
D5-300 adopts aluminum enclosure and low-noise fan, which is firm and reliable, of good heat dissipation, and low noise.

## **Various applications**

D5-300 is usable for various data application including video editing, photo backup, research and development, technical document preservation, file backup, music library, financial records, video surveillance, and corporate data storage.

**D5-300 has passed multiple certifications, including FCC, CE, UL, GS, and RoHS.**

## Panel Illustration:



| SN | Item                  | Item  |
|----|-----------------------|---|
| 1  | Hard Drive Indicators | Off: Hard drive not detected or hard drive in sleep mode<br>Green: Hard drive is ready<br>Flashing Green: Reading/writing<br>Flashing Red: Hard drive fault or array damage<br>Note: During the process of data recovery on RAID 1 mode, one hard drive indicator flashes green while the other flashes yellow. |
| 2  | Power indicator       | On: Powered On<br>Off: Powered Off  |
| 3  | Power Button          | Short press to power on; long press (for 3 seconds) to power off  |

## Rear Cover Illustration:

| SN | Item                 | Description  |
|----|----------------------|--|
| 4  | Power Jack           | DC 12V power input<br>Warning: Only use the power adapter originally supplied with your device. Use of any other adapter may result in damage. |
| 5  | USB Type-C Interface | Data transmission interface  |
| 6  | Rotary Switch        | Used to switch RAID modes.<br>After switching the array mode, you need to press the reset button to make the newly set array mode take effect. |
| 7  | Reset                | Reset the device to match its current hardware settings  |

## Specifications:

| Storage                        |   |
|--------------------------------|---|
| Disk Slot Number               | 5   |
| Compatible Disk Types          | 3.5" SATA HDD   |
|                                | 2.5" SATA HDD   |
|                                | 2.5" SATA SSD   |
| File System                    | FAT 32, FAT 16, NTFS, and EXT4  |
| Maximum Internal Raw Capacity  | 70TB (14 TB drive x 5) (Capacity will vary along with the RAID type)              |
| RAIDs Supported                | Support only RAID0 and RAID5 (JBOD,SingleDisk,RAID1 and RAID10 are not supported) |
| Hardware RAID                  | √   |
| RAID Manager Software          | √   |
| RAID Manager Software Language | English, Chineses, Japanese, German, French, Spanish, Italian                     |
| Drive Hot Swap                 | √   |
| HDD Sleep                      | √   |
| External Ports                 |   |
| USB                            | USB3.1 Type-C gen1 x 1  |
| Power Socket                   | DC IN 12V   |
| Reading/writing Speed (max.)   |   |
| Reading Speed (max.)           | Read: 210MB/s (2 SSHD RAID0 mode)   |
| Writing Speed (max.)           | Write: 190MB/s (2 SSHD RAID0 mode)  |
| Appearance                     |   |
| Size (H*W*D)                   | 227 x 225 x 136 mm  |
| Packaging Size (H*W*D)         | 300 x 275 x 186 mm  |
| Weight                         | Net Weight: 2.15Kg Gross Weight: 3.55Kg   |
| Others                         |   |
| System fan                     | 80 mm x 80 mm x25mm (x 2)   |
| Fan mode                       | Smart   |
| Noise Level                    | 19.8dB(A)   |
| Power Supply                   |   |
| Power Supply                   | 90W   |
| AC Input Voltage               | 100V to 240V AC   |

|                                |                                  |
|--------------------------------|----------------------------------|
| Current Frequency              | 50/60 HZ, Single Phase           |
| Power Consumption              | 45.6W(Access)                    |
| <b>Environment Temperature</b> |                                  |
| Working Temperature            | 5°C ~ 40°C (40°F ~ 104°F)        |
| Storage Temperature            | -20°C ~ 60°C (-5°F ~ 140°F)      |
| Relative Humidity              | 5% ~ 95% RH                      |
| <b>Supported OS</b>            | Windows OS、 Mac OS               |
| <b>Warranty</b>                | 2 years                          |
| <b>Certificate</b>             | CE, FCC, CCC, KC                 |
| <b>Environment</b>             | RoHS compliance                  |
| <b>Package Contents:</b>       | Host unit (x1)                   |
|                                | Power cord (x1)                  |
|                                | USB Cable A to Type-C(10Gb) (x1) |
|                                | Quick Installation Guide (x1)    |
|                                | Power adapter (x1)               |
|                                | Screws (several)                 |
|                                | Limited Warranty Note x 1        |

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