

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 60TB storage capacity

D5-300 can support five (5) SATA hard drives, is compatible with 12TB 3.5 inch SATA hard drive, and has a total storage capacity up to 60TB. (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 support only RAID0 and RAID5 (JBOD, SingleDisk, RAID1 and RAID10 are not supported)

Aluminum Enclosure

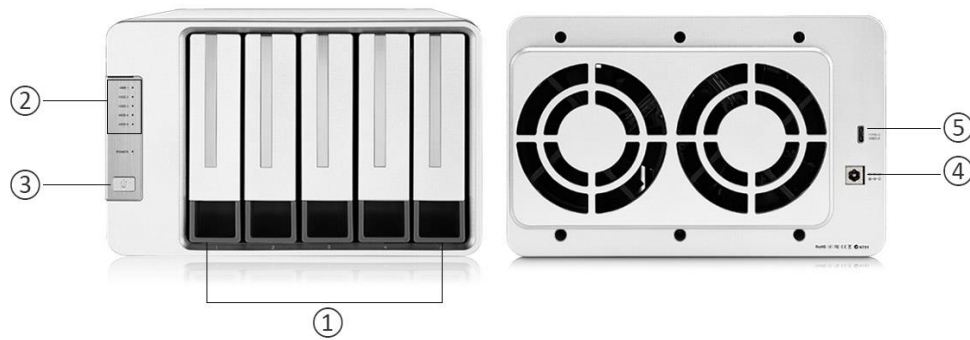
D5-300 adopts aluminum enclosure and low-noise fan, which is firm and reliable, of good heat dissipation, and low noise.

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 Green: Hard drive is ready Flashing Green: Reading/writing Flashing Red: Hard drive fault or array damage 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 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 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. 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)
Environment Temperature	
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
Supported OS	Windows OS、 Mac OS
Warranty	2 years
Certificate	CE, FCC, CCC, KC
Environment	RoHS compliance
Package Contents:	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

TerraMaster Technology Co., Ltd.

2-A1, Building A, Zhangkeng Industrial Park, Minkang Road, Shenzhen China.

Website: www.terra-master.com

Email: sales@terra-master.com

Tel: +86 755 81798555

Copyright@ TerraMaster 2019, All Rights Reserved. TerraMaster, the TerraMaster logo are trademarks or registered trademarks of TerraMaster Technology Co., Ltd. Other product and company names mentioned herein may be trademarks of their respective companies. TerraMaster may make changes to specification and product descriptions at anytime without notice.

Copyright@ TerraMaster 2019, All Right Reserved