

TerraMaster D5-300C

Datasheet



The D5-300C provides 2+3 RAID storage. This means that hard drive 1 and hard drive 2 can be configured as RAID 0, RAID 1 or single disk to secure your important data. The remaining drives 3 through 5 work as single, independent drives. This allows you maximum flexibility in utilizing these three drives.

Real SUPERSPEED with USB3.0 Protocol!

D5-300C adopts USB3.0(5Gbps) SUPERSPEED protocol. In RAID 0, with desktop SSHD hard drives, the read/write speed is up to 410MB/s.

USB Type-C interface

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

Up to 50TB storage capacity

D5-300C can support five (5) SATA hard drives, is compatible with 8TB 3.5 inch SATA hard drive, and has a total storage capacity up to 50TB. (Note: users need to purchase their own hard drives. These are not included.)

Compatible with various hard drives

D5-300C 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.

Aluminum Enclosure

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

Various applications

D5-300C 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.

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

Panel Illustration:



SN	Item	Description
①	Hard Drive Indicators 1 & 2	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	Hard Drive Indicators 3, 4, & 5	Off: Hard drive not detected or hard drive in sleep mode Green: Hard drive is ready Flashing Green: Reading/writing
③	Power Indicator	On: Powered On Off: Powered Off
④	Power Button	Short press to power on; long press (for 3 seconds) to power off

Rear Cover Illustration:

SN	Item	Description
⑤	Power Jack	DC 12V power input Warning: Do not use non-original power adapters. Otherwise the device may be damaged!
⑥	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.
⑧	RESET button	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	SINGLE DISK, JBOD, RAID 0, RAID 1
Hardware RAID	√
RAID Auto-rebuilding	RAID 1
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: 410MB/s (2 SSHD RAID0 mode)
Writing Speed (max.)	Write: 400MB/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: 2.16 Kg Gross Weight: 3.53Kg
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

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