



TerraMaster TDAS

User Manual

Model:D5-300



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1. Overview

TDAS is the collective name of TerraMaster Direct Attached Storage. This product belongs to the TerraMaster TDAS product series. Please read the instructions carefully before use. If you have any question, please visit the “Support” on TerraMaster’s official website or contact TerraMaster’s technical support team.

When you receive your newly purchased TDAS product, please log in to TerraMaster’s official website (www.terra-master.com) first, find the page of “Quick Guide”, and perform the installation and make changes to the settings according to the Guide.

In order to meet the improvement requirements of this product, the external design, specifications and other aspects of this product may be changed from time to time without prior notice.

Please note that the pictures and illustrations in this manual are only intended as an illustration may be different from the real product.

2. Packing Contents

When you receive your newly purchased product, please check whether the package contains the following articles. If any of them are missing, please contact our dealer in time.

Main unit *1	Power cord *1	Power adapter*1	Several screws
			
Installation guide *1	USB type-C cable*1	Product brochure (optional)	
			

3. Appearance

Illustration of panel:



Illustration of rear cover:



①	Hard disk tray, used for holding hard disks
②	Hard disk indicator
③	Power button

NO	Interface	Description
④	Power Jack	DC 12V power input Warning: Do not use non-original power adapters. Otherwise the device may be damaged!
⑤	USB Type-C interface	USB data transmission interface

4. Indicator

NO	Indicator	Description
②	Hard disk indicator	1.Red: The hard disk is faulty or is restoring data. 2.Blinking green: Reading or writing data. 3.Off: No hard disk detected.
③	Power indicator	1.Steady on: Powered on 2.Off: Powered off

5. Hard Disk Installation

The product needs to be equipped with 2.5 or 3.5-inch SATA hard disk. If the product you buy does not come with installed hard disk, you will need to purchase hard disk. The product can be used only after hard disk installation and product initialization are complete.

Procedure for hard disk installation:

1. Pull the handle out of the hard disk tray, Grasp it and draw the hard disk tray from the product.



2. Fix in the hard disk and tray by using the given screws and insert the tray into the product along the track. While inserting the tray, please open the handle and keep the handle in this position. Otherwise, the tray may not be inserted into the product correctly.



3. After the tray is fully inserted, the handle should be closed. The hard disk installation is completed. If you would like to install the remaining hard disks you have, please refer to steps above.



6. Connection

Before use, power on the product and connect the data interface to your computer.

Procedure for connection:

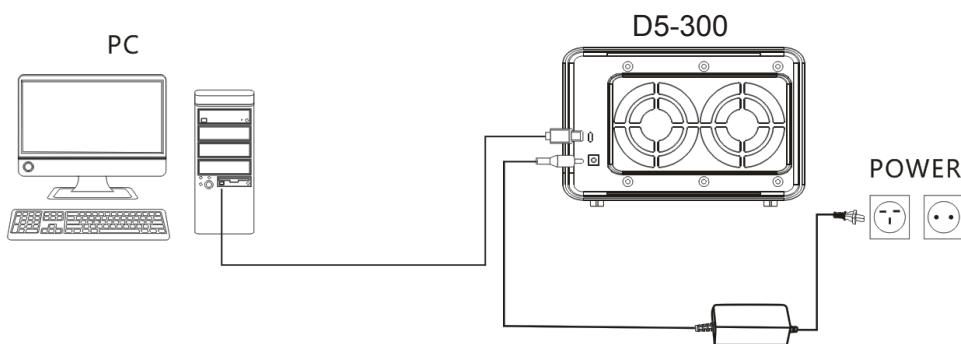
Step 1:

Connect one end of the USB Type-C cord to the Type-C interface of the product, and connect the other end to the USB interface of computer.

Step 2:

Please connect the product a power source by using the power adapter. The power adapter provides 12V DC;

Warning: do not use the non-original power adapter for this product. Otherwise, the product may malfunction and the physical body may be damaged in an extreme case!



Step 3:

Press the power button to power on. When the power is connected, the product's power indicator will turn on.

Step 4:

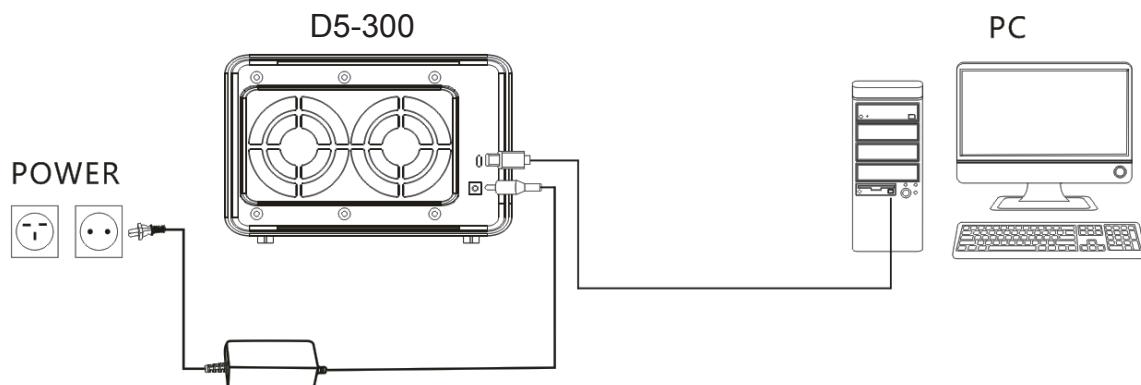
If the hard disks work normally and the product powers on, the hard disk indicator will temporarily display red, followed by Blinking green, and finally green lights. If the hard disk indicator displays red all the time, it indicates that the hard disk is cannot be read. The hard disk may be damaged, incompatible with the product. If this occurs, please turn off the product and proceed to reinstall the same hard disk. If the hard disk indicator still displays red, please replace the hard disk with a new one and try again.

Step 5:

After the product is connected to your computer, you might see a prompt asking you to format the product or come across a message reading "The disk you inserted was not readable by this computer". Please select "Cancel" or "Ignore", as the formatting of the product should occur only after you create a disk group.

7. Disk Group

This section introduces how to create and change a disk group.



To create a disk group for the product, you need to use a piece of auxiliary software called RAID Manager, for which there are two versions: Windows and Mac OS. TerraMaster provides free downloads of this software to users.

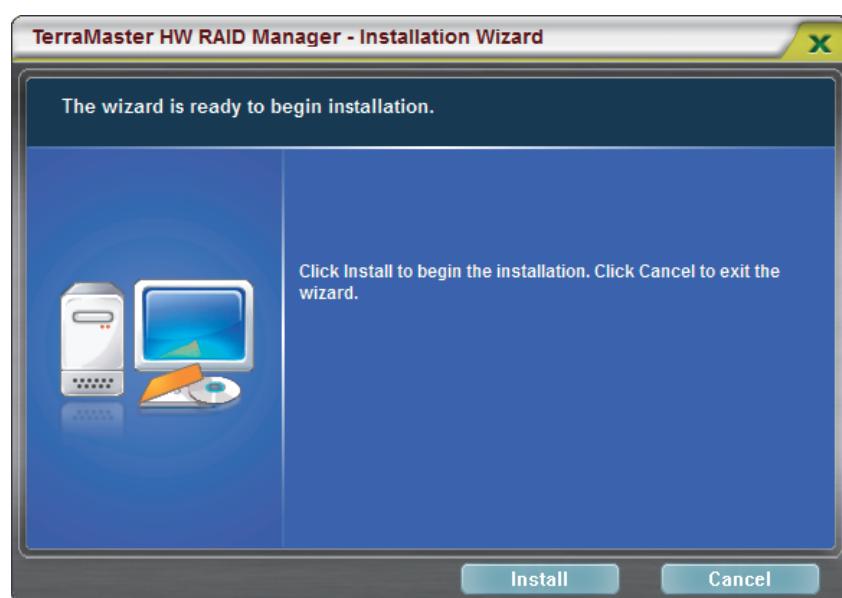
How to download RAID Manager?

Please go to the official website of TerraMaster (www.terra-master.com), find the model of this product in the model column at “Download”, and then download the RAID Manager in the download directory.

The method and procedure for creating and changing a disk group are as follows:

Step 1:

Install and run RAID Manager on your computer.



Step 2:

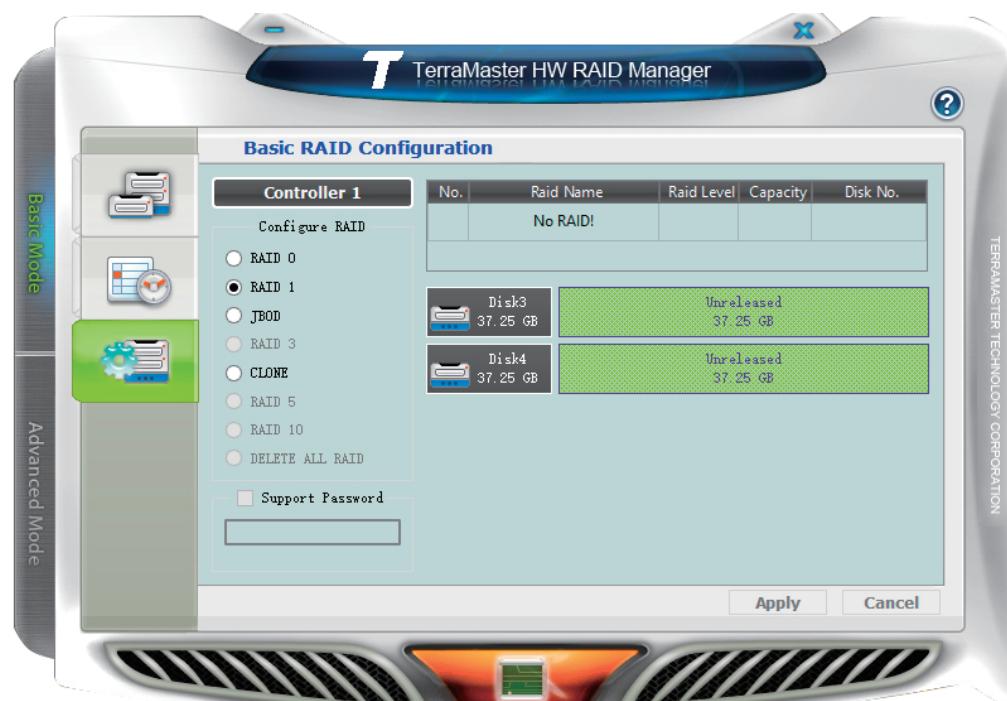
Delete disk group (if you haven't created a disk group on this product, ignore this step).

In the menu of the RAID Manager, choose "Basic Mode" > "Basic RAID Configuration", select "Delete All RAID" in the "Configure RAID" menu, and click "Apply" to complete the deletion. During this process, if your computer prompts you to format the product or display a message reading "The disk you inserted was not readable by this computer," please select "Cancel" or "Ignore".



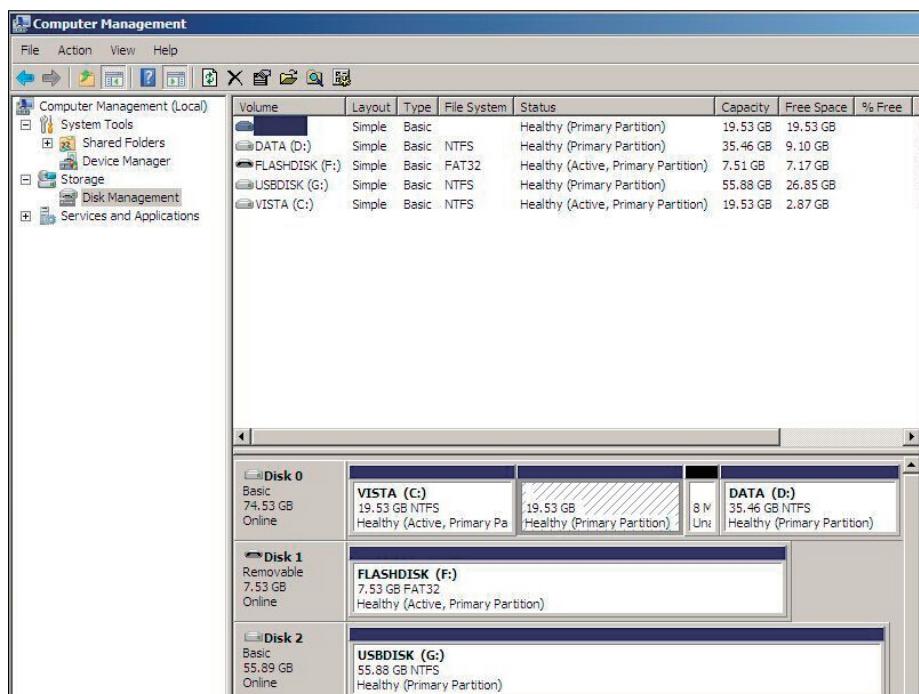
Step 3:

In the menu of "RAID Manager", choose "Basic Mode" > "Basic RAID Configuration", select the type of disk group you want to create in the "Configure RAID" menu, and click "Apply" to complete the creation. During this process, if your computer prompts you to format the product or display a message reading "The disk you inserted was not readable by this computer," please select "Cancel" or "Ignore".



Step 4:

Format disk group. Switch to the “Disk Management” menu on your Windows computer or the “Disk Utilities” menu on your Mac computer to format the disk group. After the formatting is completed, the product is ready for use.



Warning!

Creating or changing a disk group may lead to formatting of hard disks, and consequently all the data in the hard disks will be deleted. Please back up the data in the hard disks before proceeding.

8. Data Recovery

This product supports automatic data recovery. If a hard disk in a disk group is faulty (in that case, the hard disk indicator will turn red), you can directly replace the faulty hard disk, and data will be automatically recovered to the new hard disk. This function applies only to disk group types of RAID5.

Note: While you are replacing the faulty hard disk, the product needs to remain powered on and connected to the computer. The capacity of the new hard disk should be larger than or equal to that of the faulty hard disk. The amount of time that data recovery takes depends on the capacity of the hard disk. It ranges from a few hours to tens of hours. The product and the computer need to remain powered on during data recovery.