TOOQ

TQDS-502B

User manual

DOCKING STATION

Content

A (x1)

Specifications

- 1 x 12V/3A DC power port.
- 1 x USB-C port for connecting to the computer.
- 2 x PCI-Express ports for M.2 22230/2242/2260/2280/22110 drives.
- 1 x SATA port for 2.5” and 3.5” SSDs/HDDs.
- Supports 2.5”, 3.5” and M.2 NVMe drives.
- Maximum speed: SATA -> 6Gbps. NVMe1 -> 8Gbps. NVMe2 -> 10Gbps.
- Compatible operating systems: Windows, Linux and macOS 10.2 or later.
- Mode switch: SATA -> NVMe2; NVMe1 -> NVMe2; NVMe1 -> SATA; NVMe2 -> SATA.
- Status indicator LED: Steady blue light when the device is powered on; steady white light when drives are connected; flashing white light during drive read/write operations; flashing blue light during cloning; steady blue light when cloning is complete.
- Plug & Play device, no drivers required.

EN

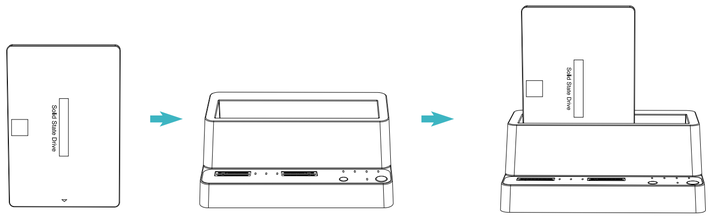
Before Instalación

• Read the instruction manual, if you are in any doubt about the instructions or warnings, contact your local dealer.
• Make sure you have received all parts according to the components checklist for Instalación. If any parts are missing or defective, please contact your local distributor.

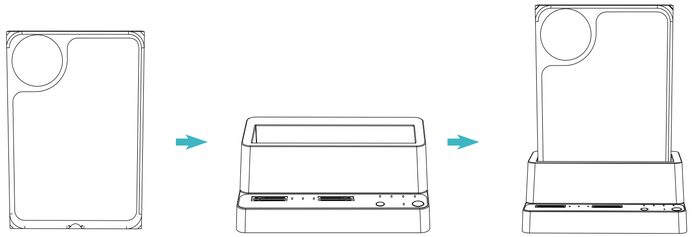
• Instalación of heavier products may result in instability and possible personal injury.
• The brackets must be assembled as specified in the assembly instructions. Incorrect Instalación may result in product failure and serious personal injury.
• Proper safety equipment and tools must be used. This product should only be installed by professionals.
• Ensure that the mounting surface can safely support the total weight of the equipment and all its components.
• Use the supplied mounting screws and DO NOT OVERTIGHTEN THEM.
• This product contains small parts that could be a choking hazard if swallowed.
• Keep these products away from children. This product is intended for indoor use only. Outdoor use will not only damage the product but may also cause personal injury.
• Please refer to the product warranty here.

Instalación

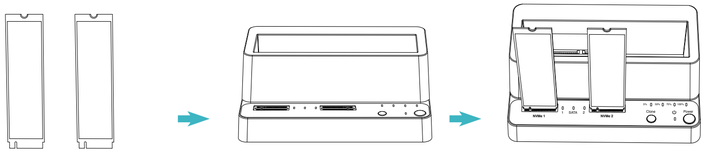
2.5” SATA SSD/HDD



3.5” SATA HDD



NVMe M.2 SSD



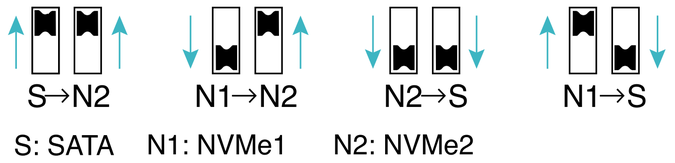
ES

How it works

How disk read/write operations work

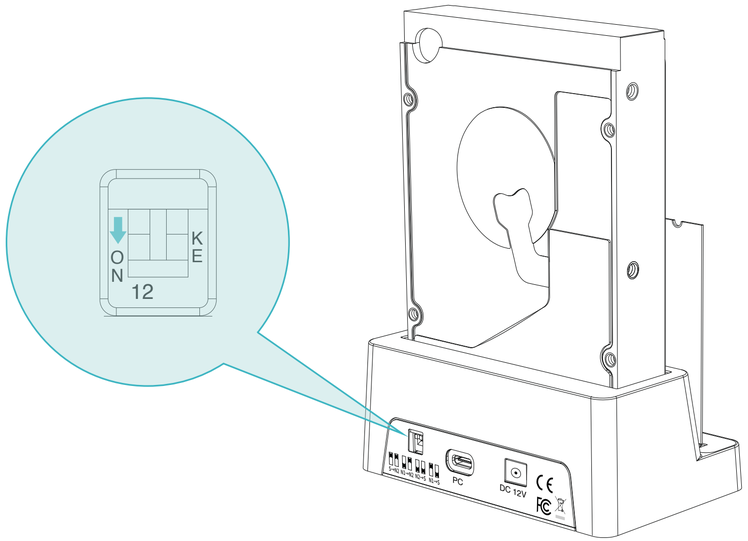
1. Connect the docking station to the mains using the included power adapter. Connect it to your computer using the USB-C cable.
2. Insert the drives and press the power button; the blue and white LEDs will light up once they are detected. You can also check this in Disk Management.

WARNING: Formatting the drive will erase all data. Please ensure you back up your data beforehand.



Procedure for offline cloning

1. Insert the HDD/SSD into the corresponding port. Back up your data before cloning, as the cloning process will overwrite the original contents of the destination drive.
2. The capacity of the destination drive must be equal to or greater than (≥) that of the source drive. Move the cloning switch to select the desired mode, as shown below. S: SATA; N1: NVMe1; N2: NVMe2.
3. Connect the device to the mains using the power adapter; there is no need to connect it to a PC. Press the power button: the blue power light and the white HDD/SSD light will come on.
4. Press the cloning button twice; the 25% progress light and the HDD/SSD light will flash, indicating that the process has begun.
5. When the 25% light remains steady, it means that part of the process has been completed. This will be followed by the 50%, 75% and 100% lights remaining steady. When all progress indicators and the SSD light are lit continuously, cloning will be complete. Turn off the power switch and carefully remove the HDD/SSD (take care, as the surface may be hot).



Troubleshooting common errors

SSD not recognised

Check compatibility: Ensure that the M.2 SSD is NVMe. This dock is not compatible with M.2 SATA SSDs.
Power cycle: Switch the dock off and then on again.
Warning: Hot-swapping is not supported: Always switch the dock off before inserting or removing an M.2 SSD.
Check the status of the drive in Windows by opening Disk Management.
If an HDD/SSD appears as “disconnected” after cloning, this may be due to a drive letter conflict (Windows only assigns a drive letter to identical drive letters).
To resolve this, right-click on the disconnected drive and select “Bring Online” or “Change Drive Letter”.

You cannot clone

Disconnect the USB cable: Ensure that the dock is not connected to the computer when starting the offline cloning process.
Restart the dock: Switch the dock off and then on again. Both the SATA and NVMe indicator lights should be lit steadily.
Check the capacity:
The destination HDD/SSD must have a capacity equal to or greater than that of the source HDD/SSD.

Cloning stops halfway through the process (the lights stop flashing)

This may indicate bad sectors on the source or destination HDD/SSD.
Try replacing the faulty HDD/SSD and start the process again.

Troubleshooting common errors

Not enough storage space after cloning

If the destination HDD/SSD is larger than the source drive, the remaining unallocated space can be found in Disk Management. Control Panel -> Administrative Tools -> Computer Management -> Disk Management. Right-click on the unallocated space and select “New Simple Volume” to create a new partition.

Important notes

- If it is an old hard drive, the computer will detect it under ‘Computer’ and you will be able to read from and write to it as normal.
- If it is a new hard drive, you must initialise, partition and format it before you can use it.
- If you are cloning a bootable HDD/SSD, once the cloning process is complete, it is not recommended to use either the source or destination drive on the same PC, as this may damage the boot information and render them unusable as system drives.
- Back up all important data before starting the cloning process.
- The destination HDD/SSD must have a capacity equal to or greater than that of the source HDD/SSD.
- Disconnect the USB cable from the dock during the cloning process.
- Do not move the HDD/SSD or disconnect the power supply whilst cloning is in progress.
- Avoid touching the HDD/SSD whilst it is in operation.
- The HDD/SSD may become very hot whilst in operation.
- Cloning time is based on the total capacity of the HDD/SSD, not on the amount of data stored.
- Offline cloning is a sector-by-sector copy at the hardware level.

Warranty information

Since 1 January 2022, TooQ offers a 3-year warranty from the time of purchase, so it will always keep the purchase ticket or invoice containing the date of purchase. The distributor or retailer from whom you purchased the product will attend to your claim and offer technical service while the warranty is in force.

Out of warranty

The warranty does not cover damage or defects caused to the external enclosure due to:

- Not following the user manual.
- Modifications or alterations of any kind.
- High and low temperatures, humidity or contact with liquids.
- Worn and scratches caused by daily use.
- Use the product with any other device which is not the one indicated for its use. The warranty does not cover damage or defects caused to the hard drive by improper use of the hard drive or the external enclosure.

FAQ

You can consult the frequently asked questions from our website www.tooq.com on the product link. Products may be subject to variations due to stock changes, product improvements or printing errors. In case of doubt, please contact us.

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