4 Bay USB 3.0 eSATA to SATA Standalone 1:3 HDD Hard Drive Duplicator Dock

Product ID: SATDOCK4U3RE

The SATDOCK4U3RE USB 3.0 and eSATA 1-to-3 Hard Drive Duplicator docking station enables you to duplicate/clone a single SATA hard drive to up to three other SATA drives simultaneously, as a standalone device. The duplicator can also function as a regular 4-bay hard drive docking station, by connecting to a host computer system. Large capacity drives (tested with up to 4TB 3.5" and 1TB 2.5" drives per bay) can be used to greatly enhance your computer's storage/backup capabilities.

Able to perform 1:3 sector duplication, including HPA, from a single SATA drive onto three others simultaneously (at a rate of up to 72 MBps), the duplicator/docking station can save you time and effort. As an external HDD dock, it can be connected to your host computer through USB 3.0 or eSATA, providing data transfer speeds up to 5 Gbps or 3Gbps respectively, from the hard drives to your computer system.

Features Quick and Secure Erase functions and support for IDE hard drives using the included SATA to IDE hard drive adapter (SAT2IDEADP). This drive eraser ensures data is purged (a secure erase) which is required by government agencies and organizations who have strict guidelines on deleting data. Purging is a very secure method of erasing data from your storage device which complies with the NIST 800-88 Rev. 1 media sanitation standard established by the National Institute of Standards and Technology.

Certifications, Reports and Compatibility

Applications

• Creating multiple exact replicas of a source drive onto a new drive for large deployment of identical computer systems

• SMB, OEM, System Integrators, IT and service technicians requiring quick access to bare external hard drive contents, or the ability to clone data for data / disk recovery.

• Law enforcement and forensic technicians who need one or more exact copies of the original hard drive for testing

or investigation

Features

• Integrated LCD display for duplication progress and options menu

• High speed eSATA host interface with supported data transfer rates up to 3 Gbps

• SuperSpeed USB 3.0 compliant host interface with supported data transfer rates of up to 5 Gbps

• Sector-by-Sector drive duplication, including the HPA

• Supports 2.5in or 3.5in form factor hard drives (HDD) or solid state drives (SSD)

• Compatible with SATA (1.5/3.0/6.0 Gbps) drives

• Includes a SATA to IDE drive adapter

• Built-in quick drive erase and NIST 800-88 Rev. 1 Purge compliant Secure Erase function

• Patented hard drive eject push-buttons for each drive

• Independent power buttons for each hard drive

• Extra, easy-access spacing between each drive

• Four large, stable, non-slip table-top feet

• Dual 60mm cooling fans mounted below the drives with variable speed controls (including OFF)

Hardware

	Warranty	2 Years
	Fans	60 mm
	Number of Drives	4
	Drive Size	2.5in & 3.5in
	Compatible Drive Types	SATA
	Chipset ID	JMicron - JMB394
		JMicron - JMS539

Performance

	Maximum Data Transfer Rate	3Gbps
	Type and Rate	USB 3.0 - 5 Gbit/s

	SATA II (3 Gbps)
Port Multiplier	Yes
Duplication Modes	Sector by Sector (Whole Drive)
Duplication Speed	4.2GBpm
Erase Modes	Quick Erase
	Secure Erase (NIST SP 800-88 Rev 1 - Purge)
Max Drive Capacity	Currently tested with up to 4TB 5400 RPM 3.5" hard drives per bay (16TB total) and 1TB 5400 RPM 2.5" hard drives (4TB total)
Insertion Rating	15,000 cycles per bay

Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	USB Type-B (9 pin) USB 3.0
	eSATA (7 pin, Data)

Software

OS Compatibility	OS independent; No software or drivers required

Indicators

LED Indicators	Drive Power/Activity

Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	2.0 A
Output Voltage	12V DC
Output Current	6.5 A
Power Consumption (In Watts)	78

Environmental

Operating Temperature	5C to 80C (41F to 176F)

	Storage Temperature	-40C to 70C (-40F to 158F)
	Humidity	8%~90% RH

Physical Characteristics

	Color	Black
	Material	Plastic
	Product Length	11.2 in [28.4 cm]
	Product Width	6.8 in [17.2 cm]
	Product Height	3.8 in [96.0 mm]
	Weight of Product	2.4 lb [1.1 kg]

Packaging Information

	Package Length	13.5 in [34.3 cm]
	Package Width	6.7 in [17.0 cm]
	Package Height	8.5 in [21.5 cm]
	Shipping (Package) Weight	6.0 lb [2.7 kg]

What's in the Box

	Included in Package	Instruction Manual
		SATA Duplicator Dock
		USB 3.0 Cable
		eSATA Cable
		Universal Power Adapter (NA/JP, UK, EU, ANZ)
		SATA to IDE Adapter
		SP4 to LP4 Power Cable
		40-pin IDE Cable
		Package of Mounting Screws
		44-Pin to 40-Pin IDE Cable