Data Sheet

eSATA / USB 3.0 Hard Drive Duplicator Dock – Standalone HDD Cloner with SATA 6Gbps for fast-speed duplication

Product ID: SDOCK2U33RE



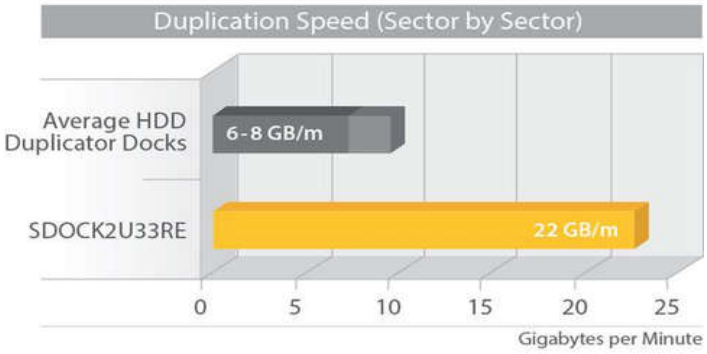
The SDOCK2U33RE Dual 2.5/3.5" SATA HDD/SSD duplicator dock lets you duplicate/clone an existing hard drive without the use of a host computer system -- or dock and swap drives from your desktop or laptop computer simultaneously, using a single USB or eSATA port.

Versatile Features

The SDOCK2U33RE offers convenient dual-function performance. As a hard drive duplicator, the SDOCK2U33RE lets you create an exact sector-by-sector clone from one hard drive to another, including partitions and boot sector information -- ensuring data integrity and consistency for sensitive operations, such as data recovery. As an external hard drive dock the SDOCK2U33RE lets you connect your drives through either eSATA or USB, with each drive slot individually supporting high capacity 2.5/3.5" hard drives or solid state drives, tested up to 4 TB.

Fast Performance

With support for SATA III (6 Gbps) you can maximize efficiency with duplication speeds up to 22 GB per minute, and eSATA docking speeds up to 6 Gbps. The Dock can also be connected through USB 3.0 with UASP for transfer speeds up 5 Gbps (70% faster than conventional USB 3.0). See our UASP testing results below for further details.



Testing results were obtained using solid-state drives

Hassle-free Operation

With push button operation and plug-and play installation, the duplicator dock has been specially designed for hassle-free operation. The SDOCK2U33RE lets you quickly dock your hard drives or start duplicating hard drives with the push of a button. Plus, the built-in LED progress bar saves you time by letting you easily monitor the entire duplication process, so you'll know exactly when it's time to start your next operation.

For added compatibility with different drive types in duplication and docking applications, the SDOCK2U33RE supports the use of various drive adapters. The below list of StarTech.com adapters have been specifically tested, to ensure compatibility with this drive duplicator:

2.5/3.5in IDE drives - SAT2IDEADP
mSATA drives - SAT2MSAT25
M.2 (NGFF) drives - SAT32M225

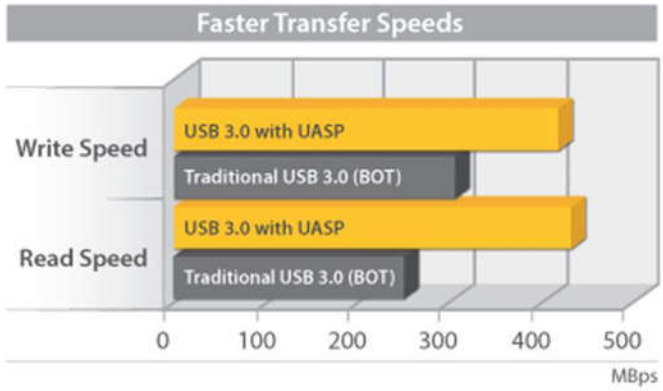
SDOCK2U33RE is backed by a StarTech.com 2-year warranty and free lifetime technical support.

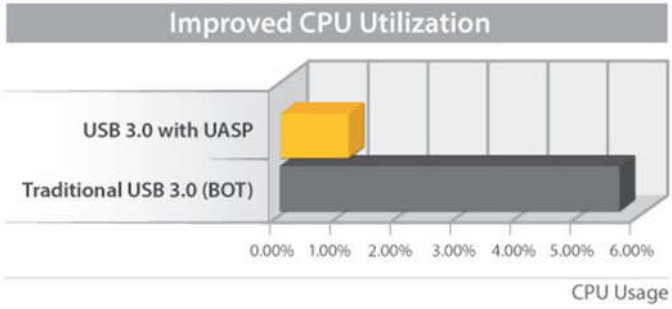
Improved Performance with UASP

UASP is supported in Windows 8, Mac OSX (10.8 or above), and Linux. In testing, UASP performs with a 70% faster read speed and 40% faster write speed over traditional USB 3.0 at peak performance.

At the same peak in testing UASP also shows an 80% reduction in required processor resources.

Testing results were obtained using an Intel® Ivy Bridge system, a UASP-enabled StarTech.com Enclosure, and a SATA III solid state drive.





Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Disc sector imaging/cloning to create an exact replica of a source drive onto a different drive
- Create identical backups for system builds that require the same drive image
- Quickly access or swap bare hard drives for easy data backup/recovery

Features

- Standalone sector-by-sector hard drive duplication with speeds up to 22GB per minute
- Supports both 2.5" and 3.5" form factor hard drives (HDD) and solid state drives (SSD)
- eSATA and USB 3.0 host interface connections
- 1:1 hard drive duplicator and docking station
- Support SATA III (6 Gbps) and UASP for optimal performance
- Supports dual drive capacity up to 4 TB per slot (8 TB in total)
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Compatible with USB 3.0/2.0/1.1 (5 Gbps / 480 Mbps / 1.5 Mbps)
- Dual bay, top slot-loading design with drive doors

	Warranty	2 Years
Hardware	Chipset ID	JMicron - JMS562
	Compatible Drive Types	SATA
	Drive Installation	Removable
	Drive Size	2.5in & 3.5in
	Interface	USB 3.0 & eSATA
	Number of Drives	2
Performance	Duplication Modes	Sector by Sector (Whole Drive)
	Duplication Speed	22GBpm
	Max Drive Capacity	Currently tested with up to 4TB 7200 RPM 3.5" hard drives per bay (8TB total) and 2TB 5900 RPM 2.5" hard drives (2TB total)
	Maximum Data Transfer Rate	5Gbps
	RAID	No
	Type and Rate	USB 3.0 - 5 Gbit/s
		SATA III (6 Gbps)
	UASP Support	Yes
Connector(s)	Drive Connectors	2 - SATA Data & Power Combo (7+15 pin) Receptacle
	Host Connectors	1 - USB Type-B (9 pin) USB 3.0 Female
		1 - eSATA (7 pin, Data) Female
Software	OS Compatibility	OS independent; No software or drivers required
Indicators	LED Indicators	2 - Drive Status
		1 - Power Indicator
		1 - Mode Indicator
		1 - Progress Indicator
Power	Input Current	1.3 A
	Input Voltage	100 ~ 240 AC
	Output Current	3000 mA
	Output Voltage	12 DC
	Power Consumption (In Watts)	36
	Power Source	AC Adapter Included
Environmental	Humidity	20%RH ~ 80%RH

	Operating Temperature	5°C - 35°C (41°C to 95°C)
	Storage Temperature	-20°C - 50°C (-4°C to 122°C)
Physical Characteristics	Color	Black
	Product Height	2.8 in [70 mm]
	Product Length	5.8 in [147 mm]
	Product Weight	18.6 oz [528 g]
	Product Width	5.2 in [132 mm]
Packaging Information	Shipping (Package) Weight	2.3 lb [1.1 kg]
What's in the Box	Included in Package	1 - SATA HDD duplicator dock 1 - USB 3.0 cable 1 - eSATA cable 1 - universal power adapter (NA,UK,EU, ANZ) 1 - instruction manual

Product appearance and specifications are subject to change without notice.