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Data Sheet

USB 3.0 / eSATA Dual Hard Drive Docking Station with UASP for 2.5/3.5in SATA SSD / HDD – SATA 6 Gbps

Product ID: SDOCK2U33EB



The SDOCK2U33EB Dual 2.5/3.5" SATA hard drive docking station lets you dock and swap hard drives from your desktop or laptop computer simultaneously using a single eSATA or USB port.

For fast performance and efficient data transfers when connected through eSATA, the docking station supports full SATA III transfer speeds -- up to 6 Gbps. For universal compatibility, the dock can be connected through USB 3.0 with transfer speeds up 5 Gbps plus support for UASP, which supports performance up to 70% faster than conventional USB 3.0 when paired with a UASP-enabled host controller to utilize the full potential of your SATA III hard drives. See our UASP testing results below for further details.

The hard drive docking station supports the fastest drive technologies including SATA III (6 Gbps), hybrid drives and solid state drives (SSD), ensuring you can save time by getting the most out of your drive performance.

Extend the value of this hard drive docking station further with the addition of our SATA to IDE Hard Drive Adapter (SAT2IDEADP), allowing easy insertion of any 2.5 or 3.5in. IDE hard drive into a SATA hard drive dock.

To ensure compatibility with your computer system, the SDOCK2U33EB supports all of the leading operating systems, including: Microsoft Windows® (8/7/Vista/XP/Server 2008/Server 2003), Apple® OSX (10.9/10.8/10.7/10.6), Linux, and Google Chrome OS™.

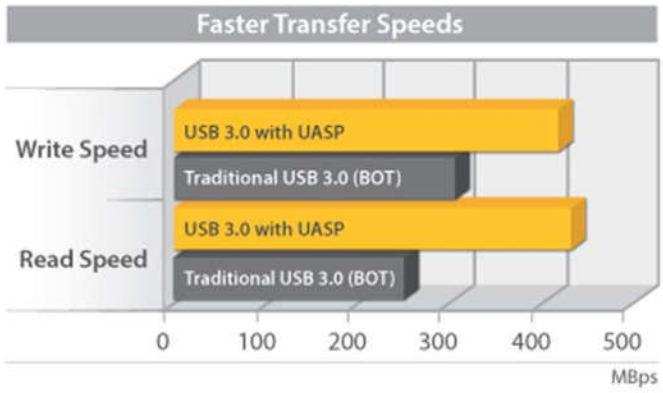
The SDOCK2U33EB is backed by a StarTech.com 2-year warranty and free lifetime technical support.

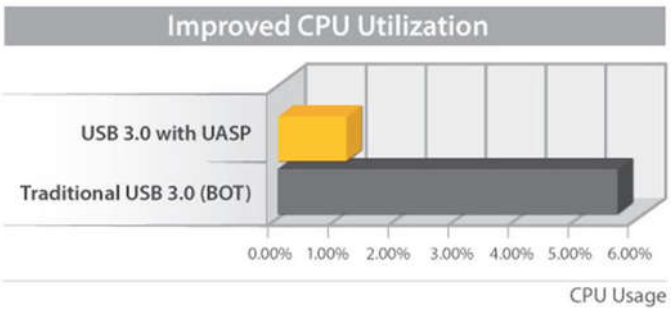
Improved Performance with UASP

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

- System builders and I.T. specialists who need quick access to drives for imaging
- Backup data quickly to an external drive for archiving
- Transferring data from one hard drive to another
- Technicians who test or benchmark multiple hard drives
- Backup important data and easily take the drive to an offsite location for safekeeping

Features

- Support SATA III (6 Gbps) and UASP for optimal performance
- eSATA or USB host connection
- Compatible with USB 3.0/2.0/1.1 (5 Gbps / 480 Mbps / 1.5 Mbps)
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Supports both 2.5" and 3.5" form factor hard drives (HDD) and solid state drives (SSD)
- 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	Insertion Rating	15,000 Cycles
	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)
	Port Multiplier	Yes
	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 - eSATA (7 pin, Data) Female
		1 - USB Type-B (9 pin) USB 3.0 Female
Software	OS Compatibility	OS independent; No software or drivers required
Indicators	LED Indicators	1 - Power
		1 - Drive 1 Activity
		1 - Drive 2 Activity
Power	Input Current	1.5 A
	Input Voltage	100 ~ 240 AC
	Output Current	3.0 A
	Output Voltage	12 DC
	Plug Type	M
	Power Consumption (In Watts)	36
	Power Source	AC Adapter Included
Environmental	Humidity	20%RH~80%RH
	Operating Temperature	5°C to 35°C (41°F to 95°F)
	Storage Temperature	-20°C to 50°C (-4°F to 122°F)

Physical Characteristics	Color	Black
	Enclosure Type	Plastic
	Product Height	2.8 in [70 mm]
	Product Length	5.6 in [143 mm]
	Product Weight	18.5 oz [524 g]
	Product Width	5.2 in [132 mm]
Packaging Information	Shipping (Package) Weight	2.4 lb [1.1 kg]
What's in the Box	Included in Package	1 - USB 3.0/eSATA to Dual 2.5/3.5in SATA Hard Drive Docking Station 1 - USB 3.0 Cable 1 - eSATA Cable 1 - Universal Power Adapter (NA,EU,UK,ANZ) 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.