External Docking Station for 2.5in or 3.5in SATA III 6Gbps Hard Drives - eSATA or USB 3.0 with UASP

StarTech ID: SDOCKU33EF

This USB 3.0 and eSATA docking station makes it easy for you to connect and swap your 2.5in or 3.5in SATA hard drives (HDD) and solid-state drives (SSD). The docking station also has a built-in fan that keeps your drives running at an optimal temperature for peak performance and longer drive lifespan.

Maximize compatibility

With support for either USB 3.0 or eSATA host connections, this versatile drive dock gives you the freedom to connect to your computer through either port. Because USB is available on virtually any computer, you can rest assured that this docking station will work with your desktop or laptop. Plus, the added benefit of eSATA ensures you can achieve SATA 6 Gpbs performance on computers with an available eSATA port.

To ensure all your drives are supported, the docking station features a sleek slot-loading design that supports both 2.5in and 3.5in drives. The docking station has also been rigorously tested for support with large capacity drives (tested up to 6TB).

You can extend the compatibility of this dock even further by adding IDE support using our SATA to IDE Hard Drive Adapter (SAT2IDEADP), which allows for easy insertion of any 2.5 or 3.5in IDE hard drive into a SATA hard drive dock.
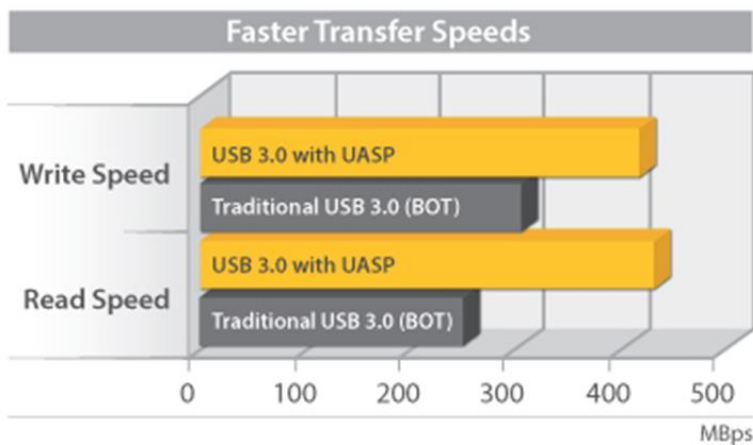
Protect the health of your drives

For optimal performance, the docking station has a built-in 80mm fan that helps keep your drives running cooler. The fan offers variable speed control which enables you to make adjustments on the fly, in order to reduce power consumption and noise when your drives aren't being accessed. The HDD dock will also power down your SATA drives after a period of inactivity (USB mode only) or when the computer is turned off, to help reduce power consumption and noise when not being accessed.
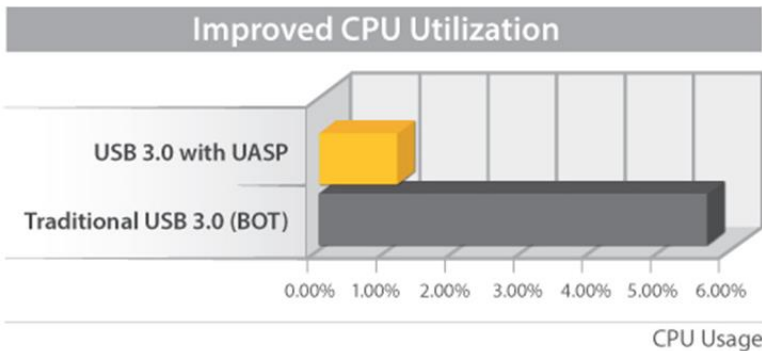
Improve Performance

To save you time, this docking station is loaded with high-performance features on both interface connections.

For the fastest possible performance, this dock supports full SATA III bandwidth of 6 Gbps when connected through eSATA, ensuring you can get the most out of your solid-state drives.

With USB 3.0 the dock ensures high-bandwidth transfer speeds up to 5 Gbps. The USB host interface connection also supports UASP, which delivers performance up to 70% faster than conventional USB 3.0 when paired with a compatible host controller. 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.

Faster Transfer Speeds

Write Speed	USB 3.0 with UASP	
	Traditional USB 3.0 (BOT)	
Read Speed	USB 3.0 with UASP	
	Traditional USB 3.0 (BOT)	

0   100   200   300   400   500

MBps

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

Improved CPU Utilization

USB 3.0 with UASP

Traditional USB 3.0 (BOT)

0.00% 1.00% 2.00% 3.00% 4.00% 5.00% 6.00%

CPU Usage

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

The SDOCKU33EF is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Applications

- Quickly access drives for data recovery or retrieval
- Backup data to an external drive for data archiving
- Test or benchmark different hard drives while easily swapping between them
- Quickly access drives for imaging

Features

- Optimal performance with SATA 6 Gbps and USB 3.0 with UASP
- Maximum compatibility with eSATA or USB 3.0 interface options
- Keep your drives running cool using the built-in fan with variable speed control
- Supports 2.5in and 3.5in form factor SATA hard drives (HDD) and solid state drives (SSD)
- 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
- Plug-and-play and hot-swap compatible

Technical Specifications

Warranty	2 Years
Bus Type	USB 3.0 & eSATA
Chipset ID	JMircon - JMS561
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Removable
Drive Size	2.5in & 3.5in
Fan(s)	Yes
Fans	1 - 80 mm
Interface	USB 3.0 & eSATA
Number of Drives	1
Hot Swap Capability	Yes
Max Drive Capacity	Currently tested with up to 6TB 7200 RPM 3.5" hard drives and 2TB 7200 RPM 2.5" hard drives
Maximum Data Transfer Rate	eSATA - 6 Gbps USB 3.0 - 5 Gbps
Type and Rate	USB 3.0 - 5 Gbit/s
Type and Rate	SATA III (6 Gbps)
UASP Support	Yes
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - eSATA (7 pin; Data) Female
Host Connectors	1 - USB Type-B (9 pin) USB 3.0 Female
Other Interface(s)	1 - USB Type-A (9 pin) USB 3.0 Male
Other Interface(s)	1 - USB A (4 pin) Male
Other Interface(s)	1 - eSATA (7 pin; Data) Male
OS Compatibility	OS independent; No software or drivers required
LED Indicators	1 - Drive Power/Activity
LED Indicators	1 - Power
Center Tip Polarity	Positive
Input Current	0.8 A
Input Voltage	110 ~ 240 AC
Output Current	2 A
Output Voltage	12 DC
Plug Type	M

Power Source	AC Adapter Included
Humidity	8~90% RH
Operating Temperature	5°C to 80°C (41°F to 176°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Color	Black
Enclosure Type	Plastic
Product Height	5.3 in [134 mm]
Product Length	5 in [126 mm]
Product Weight	16.8 oz [477 g]
Product Width	3.7 in [95 mm]
Shipping (Package) Weight	2.2 lb [1 kg]
Included in Package	1 - eSATA / USB 3.0 SATA HDD DOCK
Included in Package	1 - 1m USB 3.0 Cable
Included in Package	1 - 1m eSATA Cable
Included in Package	1 - Universal Power Adapter (NA/UK/EU/AUS)
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

RoHS Compliant
Available

C E

FC