

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

**Product 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.

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.

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.

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.

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.

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

## Certifications, Reports and Compatibility

### 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

---

#### Hardware

Warranty	2 Years
Fan(s)	Yes
Fans	80 mm
Interface	USB 3.0 & eSATA

Bus Type	USB 3.0 & eSATA
Number of Drives	1
Drive Size	2.5in & 3.5in
Compatible Drive Types	SATA
Drive Installation	Removable
Chipset ID	JMicron - JMS561

---

#### Performance

Maximum Data Transfer Rate	eSATA - 6 Gbps
	USB 3.0 - 5 Gbps
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
4Kn Support	Yes
Type and Rate	SATA III (6 Gbps)
Max Drive Capacity	Currently tested with up to 6TB 7200 RPM 3.5" hard drives and 2TB 7200 RPM 2.5" hard drives
Hot Swap Capability	Yes

---

#### Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	eSATA (7 pin, Data)
	USB Type-B (9 pin) USB 3.0
Other Interface(s)	USB Type-A (9 pin) USB 3.0 (5 Gbps)
	USB Type-A (4 pin) USB 2.0
	eSATA (7 pin, Data)

---

#### Software

OS Compatibility	OS independent; No software or drivers required
------------------	---

---

#### Indicators

LED Indicators	Drive Power/Activity
----------------	----------------------



Power

---

**Power**

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.8 A
Output Voltage	12V DC
Output Current	2 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	24

---

**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	5.0 in [12.6 cm]
Product Width	3.7 in [95 mm]
Product Height	5.3 in [13.4 cm]
Weight of Product	16.6 oz [470 g]

---

**Packaging Information**

Package Length	4.8 in [12.1 cm]
Package Width	7.4 in [18.7 cm]
Package Height	8.3 in [21.1 cm]



Shipping (Package) Weight	33.8 oz [957 g]
------------------------------	-----------------

---

**What's in the  
Box**

Included in Package	eSATA / USB 3.0 SATA HDD DOCK
	1m USB 3.0 Cable
	1m eSATA Cable
	Universal Power Adapter (NA/UK/EU/AUS)
	Instruction Manual

---

***\*Product appearance and specifications are subject to change without notice.***

