

## **USB 3.0 eSATA Hard Drive Docking Station with Cooling Fan**

*StarTech ID: SATDOCKU3SEF*



The SATDOCKU3SEF Hard Drive Docking Station (eSATA/USB 3.0 to SATA) delivers quick and easy access to a 2.5in or 3.5in SATA hard disk drive (HDD) or solid state drive (SSD) through either eSATA or USB connectivity, making it compatible with almost any system. Large capacity drives (tested with up to 4TB 3.5" and 1TB 2.5" drives) can be used to greatly enhance your computer's storage/backup capabilities.

The docking station features a built-in 80mm cooling fan that provides increased reliability and lifespan to HDDs by keeping the drives cooler. The variable fan speed control allows for on-the-fly adjustments for any type of HDD, or to balance cooling with noise. The HDD dock will also power down SATA drives after a period of inactivity (USB mode only) or when the PC is turned off, to help reduce power consumption and noise when not being accessed.

The docking station supports full eSATA data transfer rates of up to 3 Gbps, and USB 3.0 transfer rates up to 5 Gbps while backward compatible with USB 2.0 system transfer rates of up to 480 Mbps.

For an even more versatile storage solution, this eSATA/USB 3.0 HDD docking station can be used with our [SATA to IDE hard drive adapter](#) (SAT2IDEADP) enabling you to use 2.5in or 3.5in IDE hard drives with the dock.

## Applications

- High performance hard drives that require active cooling for reliability
- Hot or non-temperature controlled environments where passive cooling may not be reliable enough
- Data recovery specialists who need quick access to drives for imaging
- Backup data quickly to an external drive for archiving
- Take advantage of new laptops and desktops with USB 3.0 connectivity, for faster data transfers
- Upgrade from a USB 2.0 drive dock to faster USB 3.0

## Features

- 80mm cooling fan with variable speed control (including Off)
- Top slot-loading design with bay door
- SuperSpeed USB 3.0 compliant host interface with support for transfer rates up to 5 Gbps
- High speed eSATA host interface with supported transfer rates up to 3 Gbps
- Supports both 2.5" and 3.5" form factor hard drives (HDD) and solid state drives (SSD)
- Backward compatible with USB 2.0 systems, out of the box
- Supports automatic USB Suspend Mode
- Drive Power and Activity LED indicator

**Technical Specifications**

Warranty	2 Years
Color	Black
Enclosure Type	Plastic
Product Height	5.1 in [130 mm]
Product Length	5.1 in [130 mm]
Product Weight	17.4 oz [493 g]
Product Width	3.9 in [100 mm]
Chipset ID	JMicron - JMS551
Compatible Drive Types (Type and Rate)	SATA
Drive Size	2.5in & 3.5in
Fan(s)	Yes
Fans	1 - 80 mm
Filter Type	Mesh
Interface	USB 3.0 & eSATA
Number of Drives	1
Insertion Rating	15,000 cycles
Max Drive Capacity	Currently tested with up to 4TB 5400 RPM 3.5" hard drives and 1TB 5400 RPM 2.5" hard drive
Type and Rate	USB 3.0 - 5 Gbit/s
Type and Rate	SATA II (3 Gbps)
UASP Support	No
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - eSATA (7 pin; Data) Plug
Host Connectors	1 - USB 3.0 B (9 pin; SuperSpeed) Female
OS Compatibility	OS independent; No software or drivers required
System and Cable Requirements	Available USB or eSATA port
LED Indicators	1 - Drive Power/Activity
LED Indicators	1 - Power
Center Tip Polarity	Positive
Input Current	0.8A
Input Voltage	110 ~ 240 AC
Output Current	2A
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)
Shipping (Package) Weight	32.6 oz [924 g]
Included in Package	1 - SATA Hard Drive Dock
Included in Package	1 - eSATA Cable
Included in Package	1 - USB 3.0 Cable
Included in Package	1 - Power Adapter
Included in Package	1 - Instruction Manual

### Certifications, Reports and Compatibility

