

## 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

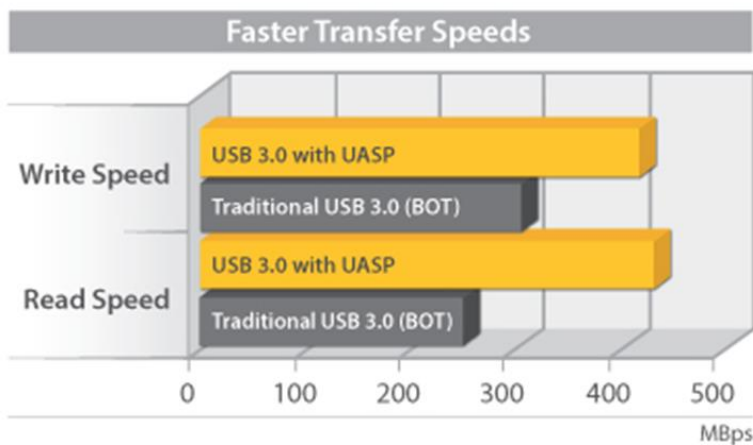
For optimal performance, the docking station has a built-in 80mm fan that helps keep your drives running cooler. The fan offers variable speed control which enables you to make adjustments on the fly, in order to reduce power consumption and noise when your drives aren't being accessed. The HDD dock 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

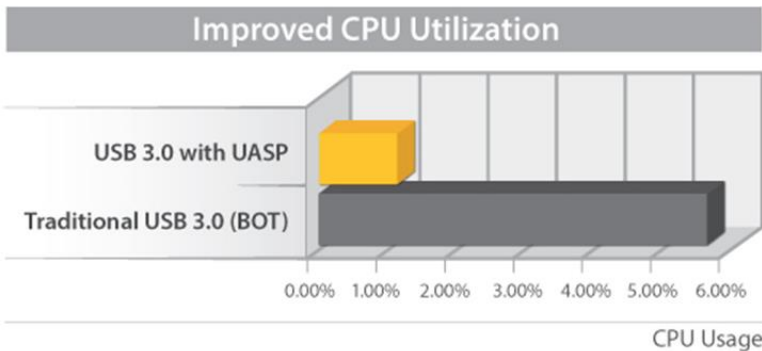
To save you time, this docking station is loaded with high-performance features on both interface connections.

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.



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.

## 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<br>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

