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

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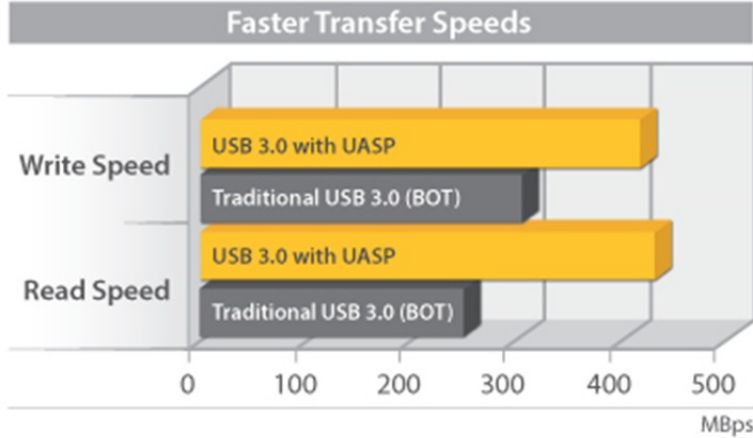
Extend the value of this hard drive docking station further with the addition of our SATA to IDE Hard Drive Adapter (SAT2IDEADP), allowing easy insertion of any 2.5 or 3.5in. IDE hard drive into a SATA hard drive dock.

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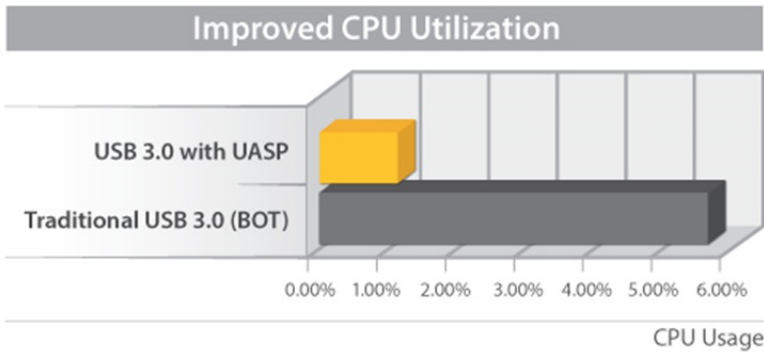
The SDOCK2U33EB is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## 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.

## 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.

**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

**Technical Specifications**

| | |
|---|---|
| Warranty | 2 Years |
| Interface | USB 3.0 & eSATA |
| Number of Drives | 2 |
| Drive Size | 2.5in & 3.5in |
| Drive Type | SATA |
| Drive Installation | Removable |
| Chipset ID | JMicron - JMS562 |
| Drive Connectors | 2 - SATA Data & Power Combo (7+15 pin) Receptacle |
| Host Connectors | 1 - eSATA (7 pin; Data) Female |
| Host Connectors | 1 - USB 3.0 B (9 pin; SuperSpeed) Female |
| Type and Rate | USB 3.0 - 5 Gbit/s |
| UASP Support | Yes |
| Type and Rate | SATA III (6 Gbps) |
| 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) |
| Insertion Rating | 15,000 Cycles |
| OS Compatibility | Windows® 8/8.1 (32/64bit), 7 (32/64bit), Server 2008 (32/64), Vista(32/64), Server 2003 (32/64) XP(32/64), 2000<br>Apple® Mavericks (10.9) OSX Mountain Lion (10.8), Lion (10.7), Snow Leopard (10.6)<br>Linux<br>Google Chrome™ OS |
| Color | Black |
| Enclosure Type | Plastic |
| Product Length | 143 mm [5.6 in] |
| Product Width | 132 mm [5.2 in] |
| Product Height | 70 mm [2.8 in] |
| Product Weight | 490 g [17.3 oz] |
| LED Indicators | 1 - Power |
| LED Indicators | 1 - Drive 1 Activity |
| LED Indicators | 1 - Drive 2 Activity |
| Input Voltage | 100 ~ 240 AC |
| Input Current | 1.3 A |
| Output Voltage | 12 DC |
| Output Current | 3000 mA |
| Operating Temperature | 5°C to 35°C (41°F to 95°F) |
| Storage Temperature | -20°C to 50°C (-4°F to 122°F) |
| Humidity | 20%RH~80%RH |
| Shipping (Package) | 1 kg [2.2 lb] |

Weight

Included in Package  1 - USB 3.0/eSATA to Dual 2.5/3.5in SATA Hard Drive Docking Station

Included in Package  1 - USB 3.0 Cable

Included in Package  1 - eSATA Cable

Included in Package  1 - Universal Power Adapter (NA/UK/EU)

Included in Package  1 - Instruction Manual

**Certifications, Reports and Compatibility**




works with
chromeOS




works with
Linux


works with
Mac OS X
Mavericks


RoHS Compliant
Available


works with
Windows 7


works with
Windows 8