# USB 3.0 / eSATA 4-Bay 3.5in SATA III Hard Drive Enclosure w/ built-in HDD Fan & UASP – SATA 6Gbps

*StarTech ID: S3540BU33E*

The S3540BU33E 4-Bay HDD enclosure lets you install four 3.5" SATA hard drives into an external enclosure, and connect to your computer through USB 3.0 or eSATA.
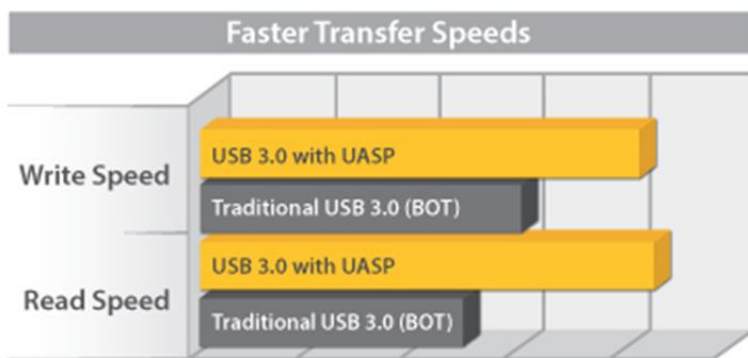
For fast performance and efficient data transfers, the enclosure supports SATA III transfer speeds -- up to 6 Gbps when connected through eSATA. The versatile enclosure can also be connected through USB 3.0, with support for UASP, performing up to 70% faster than conventional USB 3.0 when paired with a UASP-enabled host controller. See our UASP testing results below for further details.

To ensure compatibility with your computer system, the S3540BU33E 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&trade;.

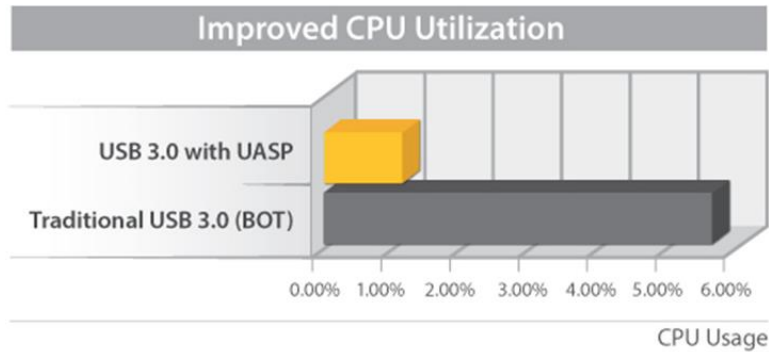The S3540BU33E is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## 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.

| 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**

- Use external hard drives for high-performance applications such video editing or photography
- Create an external backup of important data
- Build an external software RAID array
- Expand the storage capacity of your desktop or laptop computer, through an external eSATA connection

**Features**

- Supports SATA III (6 Gbps) and UASP (5 Gbps) for optimal performance
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Compatible with USB 3.0/2.0/1.1 (5 Gbps / 480 Mbps / 1.5 Mbps)
- USB 3.0 and eSATA cables included
- Four 3.5" drive bays
- Built-in cooling fan

**Technical Specifications**

| | |
|---|---|
| Warranty | 2 Years |
| Bus Type | USB 3.0 |
| Interface | USB 3.0 & eSATA |
| Number of Drives | 4 |
| Drive Size | 3.5in |
| Compatible Drive Types (Type and Rate) | SATA |
| Drive Installation | Fixed |
| Number of internal 3.5 inch bays | 4 |
| Fan(s) | Yes |
| Fans | 1 - 80 mm |
| Chipset ID | JMicron – JMS567 + JMB575 |
| Drive Connectors | 4 - SATA Data & Power Combo (7+15 pin) Receptacle |
| Host Connectors | 1 - eSATA (7 pin; Data) Female |
| Maximum Data Transfer Rate | 6 Gbps (eSATA)<br>5 Gbps (USB 3.0) |
| Type and Rate | USB 3.0 - 5 Gbit/s |
| UASP Support | Yes |
| Type and Rate | SATA III (6 Gbps) |
| Port Multiplier | Yes |
| RAID | No |
| Max Drive Capacity | Currently tested with up to 6TB 7200 RPM hard drives |
| Hot Swap Capability | No |
| General Specifications | Supports 2.5in Solid State Drives (SSD) and Hard Drives (HDD) using a 2.5in to 3.5in drive adapter such as 25SAT35HDD and 25SATSAS35 |
| 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 |
| Product Length | 7.9 in [200 mm] |
| Product Width | 4.5 in [114 mm] |
| Product Height | 5.6 in [143 mm] |
| Product Weight | 36.7 oz [1040 g] |

| | |
|---|---|
| LED Indicators | 1 - Power LED |
| LED Indicators | 4 - HDD Activity LEDs |
| Power Source | AC Adapter Included |
| Input Voltage | 100 ~ 240 AC |
| Input Current | 2.5 A |
| Output Voltage | 12 DC |
| Output Current | 6.5 A |
| 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) Weight | 4.9 lb [2.2 kg] |
| Included in Package | 1 - USB 3.0/eSATA 4-Bay 3.5" SATA Hard Drive Enclosure |
| Included in Package | 1 - eSATA Cable |
| Included in Package | 1 - USB 3.0 Cable |
| Included in Package | 1 - Universal Power Adapter (NA/UK/EU) |
| Included in Package | 1 - Instruction manual |

**Certifications, Reports and Compatibility**