

# eSATAp / eSATA or USB 3.0 External 2.5in SATA III 6 Gbps Hard Drive Enclosure with UASP – Portable HDD / SSD

Product ID: S251SMU33EP



The S251SMU33EP USB 3.0 / eSATAp drive enclosure turns a 2.5in SATA hard drive (HDD) or solid state drive (SSD) into an external portable hard drive that can connect to any USB or eSATA-enabled computer system.

For fast performance and efficient data transfers when connected through eSATA, the enclosure supports full SATA III transfer speeds -- up to 6 Gbps. For universal compatibility, the S251SMU33EP can be connected through USB 3.0 with transfer speeds up to 5 Gbps plus support for UASP, which delivers 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.

Designed for maximum portability, the S251SMU33EP doesn't require an external power adapter when connected to an eSATAp (USB + eSATA combo) host port.

The 2.5in enclosure supports the fastest drive technologies including SATA III (6 Gbps), hybrid drives and solid state drives (SSD), saving you time by ensuring you're getting the most out of your drive performance.

To ensure compatibility with your computer system, the S251SMU33EP supports all of the leading operating systems, including: Microsoft Windows®, Apple® OSX, Linux, and Google Chrome OS™.

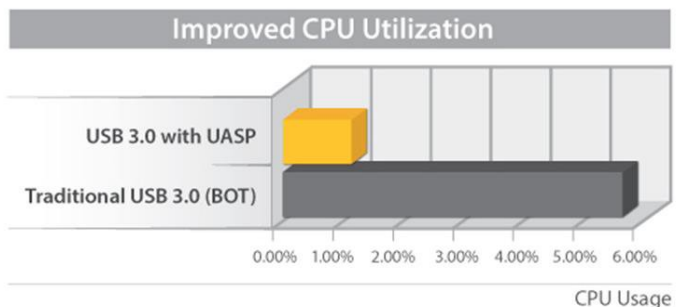
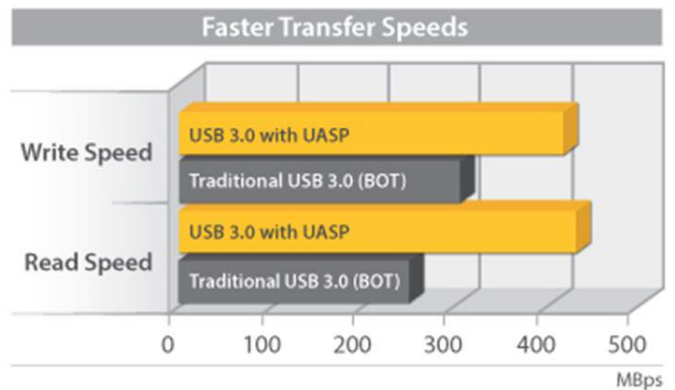
The S251SMU33EP is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### 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.

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.



### Certifications, Reports and Compatibility



### Applications

- Take advantage of laptops and desktops that feature eSATA connectivity
- Create a fast, portable external storage solution for Ultrabooks, laptops or Chromebooks
- Add extra storage to any USB/eSATA-enabled computer system
- Back up important data to an external storage device
- Share large files between computers quickly and securely without a network connection
- Retrieve data from your SATA drive, or turn your unused drive into additional external storage space

### Features

- Supports SATA III & UASP for optimal performance
- eSATA or USB 3.0 interface options
- Supports power over eSATA (eSATAp, eSATA/USB combo port) with no additional power adapter
- Aluminum enclosure
- 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) host connections

<b>Hardware</b>	Warranty	2 Years
	Bus Type	USB 3.0 & eSATA
	Chipset ID	ASMedia - ASM1153E ASMedia - ASM1456
	Compatible Drive Types	SATA
	Drive Installation	Fixed
	Drive Size	2.5in
	Fan(s)	No
	Interface	eSATA USB 3.0 USB 3.0 & eSATA
	Number of 2.5 inch bays	1
	Number of Drives	1
<b>Performance</b>	4Kn Support	Yes
	Max Drive Capacity	Currently tested with up to 2TB 7200 RPM hard drives
	Maximum Data Transfer Rate	6 Gbps - eSATA 5 Gbps - USB 3.0
	TRIM Support	Yes
	Type and Rate	USB 3.0 - 5 Gbit/s eSATA (6 Gbps)
	UASP Support	Yes
<b>Connector(s)</b>	Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
	Host Connectors	1 - Power eSATA (11 pin, eSATA/USB, 5V) Receptacle 1 - USB 3.0 Micro-B (10 pin, SuperSpeed) Female
	<b>Software</b>	OS Compatibility
<b>Special Notes / Requirements</b>	<b>Note</b>	Windows 7 and earlier Windows versions do not support TRIM with USB to SATA devices.
<b>Indicators</b>	LED Indicators	1 - Power/Activity
<b>Power</b>	Plug Type	H
	Power Source	USB-Powered
<b>Environmental</b>	Humidity	Operation Humidity: 10% ~ 90% RH Storage Humidity: 5% ~ 95% RH
	Operating Temperature	0°C to 40°C (32°F to 104°F)

	Storage Temperature	-10°C to 65°C (14°F to 149°F)
<b>Physical Characteristics</b>	Color	Silver
	Enclosure Type	Aluminum and Plastic
	Max Drive Height	0.4 in [9.5 mm]
	Product Height	0.6 in [1.6 cm]
	Product Length	4.9 in [12.5 cm]
	Product Width	3 in [77 mm]
	Weight of Product	3.5 oz [98 g]
<b>Packaging Information</b>	Package Height	1.7 in [42 mm]
	Package Length	5.3 in [13.5 cm]
	Package Width	7 in [17.9 cm]
	Shipping (Package) Weight	9.8 oz [278 g]
<b>What's in the Box</b>	Included in Package	<ul style="list-style-type: none"> <li>1 - USB 3.0/eSATAp 2.5" SATA Hard Drive Enclosure</li> <li>1 - USB 3.0 Cable</li> <li>1 - eSATA cable</li> <li>1 - Installation screws (with screw driver)</li> <li>1 - Phillips head screw driver</li> <li>1 - USB to DC power adapter</li> <li>1 - Instruction manual</li> </ul>

Product appearance and specifications are subject to change without notice.