

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.

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

Hardware

Warranty	2 Years
Fan(s)	No
Interface	eSATA USB 3.0 USB 3.0 & eSATA
Bus Type	USB 3.0 & eSATA
Number of Drives	1
Drive Size	2.5in
Compatible Drive Types	SATA



Drive Installation	Fixed
Number of 2.5 inch bays	1
Chipset ID	ASMedia - ASM1153E ASMedia - ASM1456

Performance

Maximum Data Transfer Rate	6 Gbps - eSATA 5 Gbps - USB 3.0
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
TRIM Support	Yes
4Kn Support	Yes
Type and Rate	eSATA (6 Gbps)
Max Drive Capacity	Currently tested with up to 2TB 7200 RPM hard drives

Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	Power eSATA (11 pin, eSATA/USB, 5V) USB 3.0 Micro-B (10 pin, SuperSpeed)

Software

OS Compatibility	OS independent; No software or drivers required
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Special Notes / Requirements

Note	Windows 7 and earlier Windows versions do not support TRIM with USB to SATA devices.
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Indicators

LED Indicators	Power/Activity
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Power

Power Source	USB-Powered
Plug Type	H



Environmental

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-10C to 65C (14F to 149F)
Humidity	Operation Humidity: 10% ~ 90% RH Storage Humidity: 5% ~ 95% RH

Physical Characteristics

Color	Silver
Material	Aluminum and Plastic
Max Drive Height	0.4 in [9.5 mm]
Product Length	4.9 in [12.5 cm]
Product Width	3.0 in [77 mm]
Product Height	0.6 in [16 mm]
Weight of Product	3.5 oz [98 g]

Packaging Information

Package Length	5.3 in [13.5 cm]
Package Width	7.0 in [17.9 cm]
Package Height	1.7 in [42 mm]
Shipping (Package) Weight	9.8 oz [278 g]

What's in the Box

Included in Package	USB 3.0/eSATAp 2.5" SATA Hard Drive Enclosure
	USB 3.0 Cable
	eSATA cable
	Installation screws (with screw driver)
	Instruction manual
	Phillips head screw driver

USB to DC power adapter

****Product appearance and specifications are subject to change without notice.***

