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

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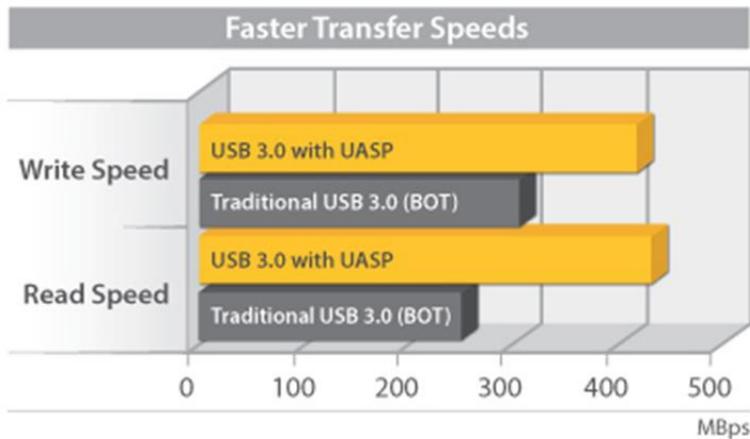
The 2.5in enclosure supports the fastest drive technologies including SATA III (6 Gbps), hybrid drives and solid state drives (SSD), saving you time by ensuring you're getting the most out of your drive performance.

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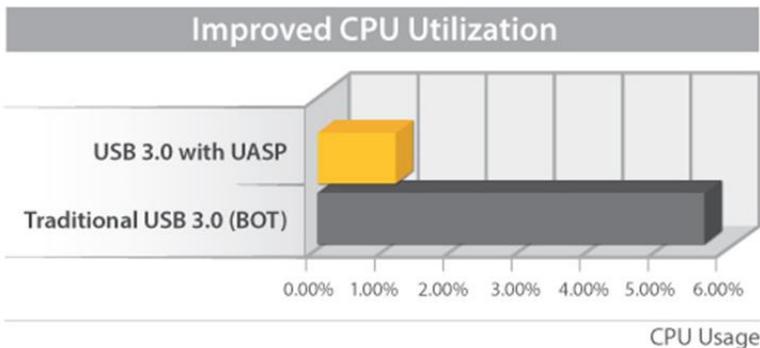
The S251SMU33EP is backed by a StarTech.com 2-year warranty and free lifetime technical support.

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.

Faster Transfer Speeds

At the same peak in testing UASP also shows an 80% reduction in required processor resources.

Improved CPU Utilization

Testing results were obtained using an Intel® Ivy Bridge system, a UASP-enabled StarTech.com Enclosure, and a SATA III solid state drive.

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

Technical Specifications

Warranty	2 Years
Interface	eSATA
Bus Type	USB 3.0 & eSATA
Interface	USB 3.0
Number of Drives	1
Drive Size	2.5in
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Fixed
Number of 2.5 inch bays	1
Fan(s)	No
Chipset ID	ASMedia - ASM1153E + ASM1456
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - Power eSATA (11 pin; eSATA/USB; 5V) Receptacle
Host Connectors	1 - USB 3.0 Micro-B (10 pin; SuperSpeed) Female
Maximum Data Transfer Rate	6 Gbps - eSATA 5 Gbps - USB 3.0
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
Type and Rate	eSATA (6 Gbps)
Max Drive Capacity	Currently tested with up to 2TB 7200 RPM hard drives
Color	Silver
Enclosure Type	Aluminum and Plastic
Max Drive Height	0.4 in [9.5 mm]
Product Length	4.9 in [125 mm]
Product Width	3 in [77 mm]
Product Height	0.6 in [16 mm]
Product Weight	3.4 oz [96 g]
LED Indicators	1 - Power/Activity
Power Source	USB-Powered
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-10°C to 65°C (14°F to 149°F)
Humidity	Operation Humidity: 10% ~ 90% RH Storage Humidity: 5% ~ 95% RH
Shipping (Package) Weight	0.6 lb [0.3 kg]
Included in Package	1 - USB 3.0/eSATAp 2.5" SATA Hard Drive Enclosure

Included in Package	1 - USB 3.0 Cable
Included in Package	1 - eSATA cable
Included in Package	1 - Installation screws (with screw driver)
Included in Package	1 - Phillips head screw driver
Included in Package	1 - USB to DC power adapter
Included in Package	1 - Instruction manual

Certifications, Reports and Compatibility

CE

FC

OperatingSystem
Independent

RoHS Compliant
Available