

USB 3.0 / eSATA 8-Bay Hot-Swap 2.5/3.5" SATA III Hard Drive Enclosure with UASP – 8-Bay SATA 6 Gbps Enclosure for HDD / SSD

StarTech ID: S358BU33ERM



The S358BU33ERM 8-bay removable hard drive enclosure lets you access eight individual 2.5" or 3.5" hard drives simultaneously using a single eSATA or USB port.

For fast performance and efficient data transfers when connected through eSATA, the HDD enclosure supports full SATA III transfer speeds -- up to 6 Gbps. For universal compatibility, the enclosure can be connected through USB 3.0 with transfer speeds up to 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 HDD enclosure supports the fastest drive technologies including SATA III (6 Gbps), hybrid drives and solid state drives (SSD), helping save you time through optimized performance from your external storage devices.

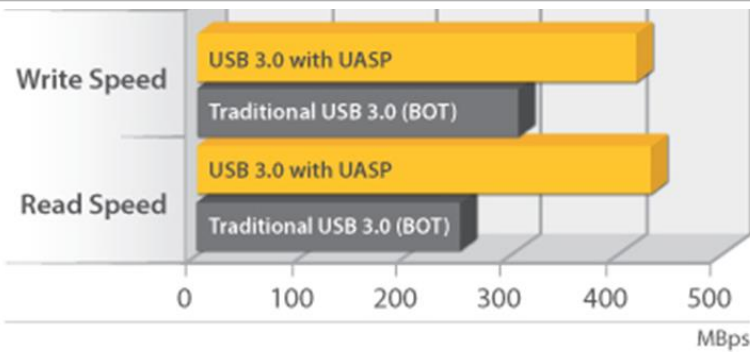
To help protect your drives the HDD/SSD enclosure has a built-in fan that keeps your drives running at optimal temperatures. Plus, the metal drive trays ensure maximum heat dissipation. To ensure compatibility with your computer system, the drive enclosure is OS independent.

Please note that in order to access multiple drives, the enclosure requires that your host device supports port multiplier. For desktop computers without port multiplier capability, StarTech.com offers the [2 Port PCI Express eSATA Controller Card](#) (PEXESATA2).

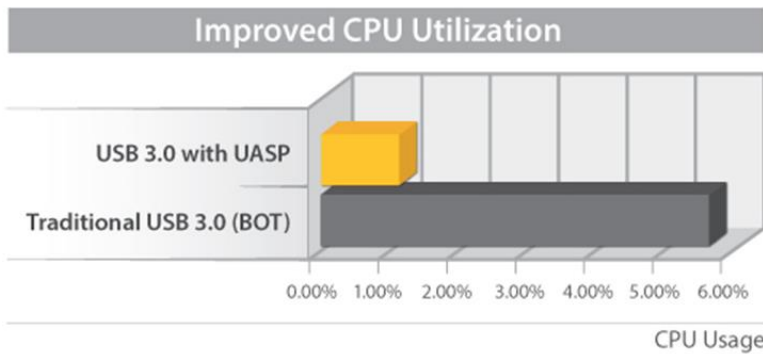
Improved Performance with UASP

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.



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

The S358BU33ERM is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Add an 8-bay hot-swap enclosure to a server or workstation computer, for a removable backup solution
- Expand the storage capabilities of a small form factor/embedded system or laptop, with external drives
- Adding external storage capacity for video editing or photo editing stations, making it easier to work with very large file sizes
- Creating additional backup/archive storage
- Turn unused SATA hard drives into additional external data storage

Features

- Supports SATA III (6 Gbps) and UASP for optimal performance
- Supports both 2.5" and 3.5" form factor hard drives (HDD) and solid state drives (SSD)
- eSATA or USB host connection
- Eight individual drive bays with solid aluminum drive trays
- Access multiple drives simultaneously - the host device must support port multiplier
- Built-in cooling fan
- 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

Technical Specifications

Warranty	2 Years
Bus Type	USB 3.0 & eSATA
Chipset ID	Jmicron - JMB575M + JMS567
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Removable
Drive Size	2.5in & 3.5in
Fan(s)	Yes
Fans	1 - 120 mm
Interface	USB 3.0 & eSATA
Number of 2.5 inch bays	8
Number of Drives	8
Number of internal 3.5 inch bays	8
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
Hot Swap Capability	Yes
Max Drive Capacity	Currently tested with up to 6TB 7200 RPM hard drives
Maximum Data Transfer Rate	6 Gbps
MTBF	30,000 Hours
Port Multiplier	Yes
RAID	No
Type and Rate	USB 3.0 - 5 Gbit/s
Type and Rate	eSATA (6 Gbps)
UASP Support	Yes
Drive Connectors	8 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - USB Type-B (9 pin) USB 3.0 Female
Host Connectors	1 - eSATA (7 pin; Data) Female
OS Compatibility	OS independent; No software or drivers required
System and Cable Requirements	Computer system with available USB port or eSATA port. The enclosure requires that the host device supports port multiplier to access multiple drives simultaneously.
LED Indicators	8 - Drive Activity / Interface LED

LED Indicators	1 - Power LED
LED Indicators	1 - HDD Ready LED
LED Indicators	1 - USB / eSATA LED
Input Current	6 A
Input Voltage	100 ~ 240 AC
Power Source	AC Adapter Included
Humidity	10% ~ 90% non-condensing
Operating Temperature	5°C to 55°C (41°F to 131°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Color	Black
Product Height	13.4 in [340 mm]
Product Length	13.8 in [350 mm]
Product Weight	303.9 oz [8610 g]
Product Width	5.9 in [150 mm]
Shipping (Package) Weight	19 lb [8.6 kg]
Included in Package	1 - USB 3.0 / eSATA SSD/HDD Enclosure
Included in Package	8 - 2.5/3.5" drive trays (preinstalled)
Included in Package	1 - SATA to eSATA full profile bracket
Included in Package	1 - eSATA cable
Included in Package	1 - USB 3.0 cable
Included in Package	1 - 2.5/3.5" drive installation screw kit
Included in Package	3 - Power cables (NA/UK/EU)
Included in Package	1 - Instruction manual

Certifications, Reports and Compatibility

