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 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.
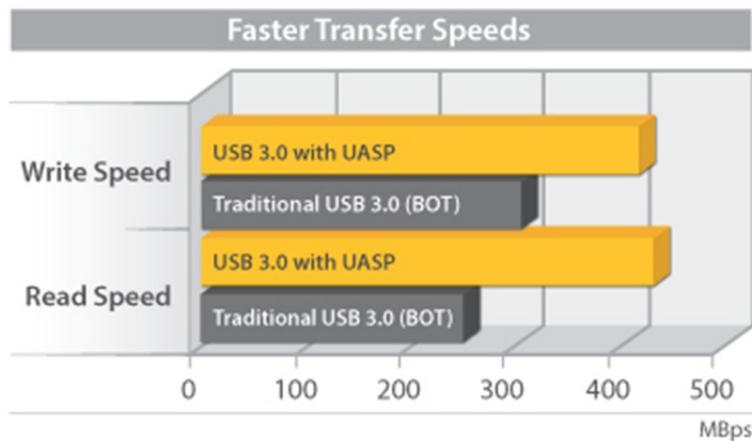
To help protect your drives the HDD/SSD enclosure has a built-in fan that keeps your drives running at optimal temperatures. Plus, the solid aluminum drive trays ensure maximum heat dissipation." to "To help protect your drives, the HDD/SSD enclosure is designed to maintain ideal internal operating temperatures, with a built-in fan for maximum airflow and solid aluminum drive trays for heat dissipation.

To ensure compatibility with your computer system, the S358BU33ERM 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™.
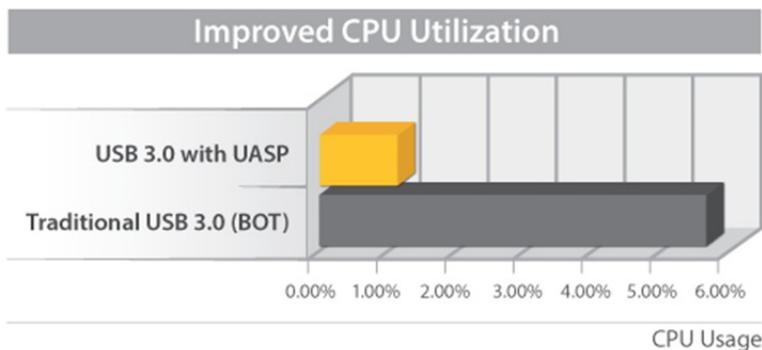
The S358BU33ERM is backed by a StarTech.com 2-year warranty and free lifetime technical support.

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

Write Speed
- USB 3.0 with UASP
- Traditional USB 3.0 (BOT)

Read Speed
- USB 3.0 with UASP
- Traditional USB 3.0 (BOT)

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

- 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
- 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
Shipping (Package) Weight	0 lb [0 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