

3.5in 4 Drive eSATA USB FireWire External SATA RAID Enclosure

StarTech ID: S354UFER



StarTech.com's S354UFER External SATA RAID Enclosure is a high-performance external RAID storage solution, supporting up to 4 high capacity 3.5" SATA hard drives (supports SATA, SATA II and SATA III-6Gbps).

The 4-bay RAID enclosure can be connected to the host/source computer through USB, eSATA or FireWire and automatically builds your SATA RAID array based on your selection (Spanning, RAID 0, RAID 1, RAID 1+0, RAID 3, and RAID 5 supported), delivering a simple, yet flexible external storage solution.

Designed for convenience, the enclosure features front panel LED indicators that provide RAID information and simple hard drive status and activity monitoring. The enclosure also features a built-in 3-speed 80mm fan with automatic or manual controls that allow you to customize the speed of the fan as necessary, ensuring suitable operating temperatures for optimized drive performance.

Applications and Solutions

- Add external RAID storage without worrying about driver or software support
- External storage that is easily transferable between different computer systems
- Large volume external storage for backups/archiving

- Video editing or photography professional/enthusiasts working with very large file sizes

Features

- High Speed USB 2.0 host interface, with transfer rates up to 480Mbps
- SATA revision 2 compliant eSATA host interface with transfer rates up to 3.0Gbps
- FireWire 400 and 800 host interfaces with transfer rates up to 400Mbps and 800Mbps respectively
- Supported RAID modes: 0 (stripe), 1 (mirror), 3 (parity disk), 5 (stripped parity), 10 (1+0), Span/Concatenation
- User configurable directly from the unit itself
- Removable front cover and accessible drive trays
- 80mm cooling fan with 4 selectable speeds: Low, Med, High, Auto
- Auto power saving when host connection disconnected or turned off
- No driver or software installation
- Compatible with SATA revision 1/2/3 (1.5/3.0/6.0 Gbps) drives
- Supports 3.5" form factor SATA hard drives
- Plug-and-Play and hot-swap compatible
- Rugged aluminum chassis

Technical Specifications

- Warranty: 1 Year warranty
- Color: Black
- Max Drive Capacity: Tested up to 2.0 TB
- Drive Connectors: 4 - 15 pin SATA Power Female
- Drive Connectors: 4 - 7 pin SATA DATA Female
- Enclosure Type: Aluminum
- Fan Bearing Type: Ball Bearing
- Product Height: 170
- Host Connectors: 1 - 7 pin eSATA DATA Female
- Host Connectors: 1 - USB B Female
- Humidity: 90%RH
- Input Voltage: 115 ~ 230 AC
- LED Indicators: 2 - Connection indicators
- LED Indicators: 2 - Fan mode indicators
- LED Indicators: 3 - Fan speed indicators
- LED Indicators: 1 - Power indicator
- LED Indicators: 1 - RAID rebuild indicator
- LED Indicators: 1 - HDD error indicator
- LED Indicators: 6 - RAID Mode indicators
- Product Length: 215
- Fans: 1 - 80 mm
- Operating Temperature: -20°C to 60°C (-4°F to 140°F)
- Output Current: 5000mA
- Output Voltage: 12 DC
- Power Adapter Included: Yes
- Carton Quantity: 4
- RPM: Low - 1200rpm

Med - 1800rpm

High - 2500rpm

- Storage Temperature: -25°C to 70°C (-13°F to 158°F)
- Shipping (Package) Weight: 7.32 lb [3.31 kg]
- Product Weight: 3.98 lb [1.8 kg]
- Product Width: 126

- Number of Drives: 4
- Compatible Drives : 3.5" SATA
- Chipset ID: PLX - OXUFS936QSE
- Supported RAID Modes: BIG (Spanning or Concatenation)
- Supported RAID Modes: RAID 0 (Striped Disks)
- Supported RAID Modes: RAID 1 (Mirrored Disks)
- Supported RAID Modes: RAID 5 (Striped Disks with Parity)
- Supported RAID Modes: RAID 3 (Striped set with Dedicated Parity)
- Supported RAID Modes: RAID 10 (1+0; Striped set of Mirrored Subset)
- Host Connectors: 1 - 6 pin FireWire Female
- Host Connectors: 2 - 9 pin FireWire 800 Female
- Type and Rate: SATA 3 Gbit/s (SATA II)
- Type and Rate: USB 2.0 - 480 Mbit/s
- Type and Rate: FireWire 400 IEEE-1394a - 400 Mbit/s
- Type and Rate: FireWire 800 IEEE-1394b - 800 Mbit/s

