# 3.5in USB 3.0 SATA Hard Drive Enclosure w/ Fan

*StarTech ID: SAT3510BU3*

The SAT3510BU3 Black USB 3.0 External Hard Drive Enclosure lets you connect a 3.5in SATA hard drive through USB 3.0 - a cutting edge external storage solution that lets you harness the speed and performance supported by the SuperSpeed USB interface. Large capacity drives (tested with up to 4TB) can be used to greatly enhance your computer's storage/backup capabilities.

Supporting data transfer rates of up to 5 Gbps, this external HDD enclosure delivers access to files at lightning fast speeds - 10x that of USB 2.0, and 60% faster than SATA II eSATA. Plus, the USB 3.0 interface is backward compatible with USB revisions 2.0 and 1.1, so the enclosure can be used with older systems that don't support the newest USB standard, at speeds of 480Mbps and 12 Mbps (respectively).

The drive enclosure features a compact, free-standing design that requires minimal desk space, and is equipped with an 80mm fan that helps keep the installed hard drive cool for peak performance.

To ensure compatibility with your computer system, the SAT3510BU3 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™.

Backed by 2-year warranty.

**Applications**

- Take advantage of new laptops and desktops that offer USB 3.0 connectivity
- Upgrade from a USB 2.0 drive enclosure to a faster USB 3.0 external storage solution
- Create a fast, portable external storage solution for desktops, laptops or netbooks
- Add-on extra storage to almost any USB-enabled computer system
- Backup important data to an external storage device
- Share large files between computers quickly and securely without a network connection
- Retrieve data from old SATA drive, or turn the unused drive into additional external storage space

**Features**

- SuperSpeed USB 3.0 compliant host interface, with transfer rates up to 5Gbps
- High Speed USB 2.0 compliant host interface, with transfer rates up to 480Mbps
- Light-weight and durable aluminum side panels
- 80mm cooling fan with On/Off switch
- Power/Activity LED indicator
- Compatible with SATA revision 1/2/3 (1.5/3.0/6.0 Gbps) drives
- Supports 3.5" form factor SATA hard drives (HDD)
- Compliant with USB Mass Storage Class, Bulk-Only Transport Specifications Rev 1.3
- Compact, desktop-style form factor
- Plug-and-Play and Hot-Swap compatible

**Technical Specifications**

| | |
|---|---|
| Warranty | 2 Years |
| Chipset ID | ASMedia - ASM1051 |
| Compatible Drive Types (Type and Rate) | SATA |
| Drive Installation | Fixed |
| Drive Size | 3.5in |
| Fan Bearing Type | Sleeve Bearing |
| Fan(s) | Yes |
| Fans | 1 - 80 mm |
| Interface | USB 3.0 |
| Number of Drives | 1 |
| Air Flow Rate | 22 CFM |
| Fan RPM | 2500 RPM |
| Max Drive Capacity | Currently tested with up to 4TB 5400 RPM hard drives |
| Noise Level | 29 dBA |
| RAID | No |
| Type and Rate | USB 3.0 - 5 Gbit/s |
| UASP Support | No |
| Drive Connectors | 1 - SATA Data & Power Combo (7+15 pin) Receptacle |
| Host Connectors | 1 - USB Type-B (9 pin) USB 3.0 Female |
| OS Compatibility | OS independent; No software or drivers required |
| LED Indicators | 1 - Solid - Power, Blinking - Activity |
| Center Tip Polarity | Positive |
| Input Voltage | 110 ~ 240 AC |
| Output Current | 2A |
| Output Voltage | 12 DC |
| Plug Type | M |
| Power Source | AC Adapter Included |
| Humidity | 10~90% RH |
| Operating Temperature | 0°C to 60°C (32°F to 140°F) |
| Storage Temperature | 0°C to 70°C (-4°F to 158°F) |
| Color | Black |
| Enclosure Type | Aluminum and Plastic |
| Product Height | 7.1 in [180 mm] |

| Product Length | 5.6 in [143 mm] |
|---|---|
| Product Weight | 20.5 oz [580 g] |
| Product Width | 2.1 in [52.1 mm] |
| Shipping (Package) Weight | 38.5 oz [1090 g] |
| Included in Package | 1 - USB 3.0 SATA 3.5in Hard Drive Enclosure |
| Included in Package | 1 - Foam Spacer |
| Included in Package | 1 - 3ft USB 3.0 Cable |
| Included in Package | 1 - Universal Power Adapter |
| Included in Package | 3 - Power Adapter Plug (NA/UK/EU) |
| Included in Package | 1 - Instruction Manual |

**Certifications, Reports and Compatibility**