

## **2.5in Encrypted Hard Drive Enclosure - Portable External HDD Enclosure SATA to USB 3.0**

*StarTech ID: S2510BU3PW*



The S2510BU3PW USB 3.0 HDD Enclosure features Touchpad Encryption, enabling you to turn almost any 2.5-inch SATA hard drive (HDD) or solid state drive (SSD) into an AES-encrypted external hard drive. The enclosure supports large capacity hard drives (tested with up to 1TB), maximizing system storage expansion and backup capabilities.

Using an Advanced Encryption Standard algorithm (256-bit AES), all of the data on hard drives installed within the enclosure is securely protected from unauthorized users. Encryption is performed completely in-hardware and real-time, ensuring maximum performance while eliminating the need for complicated software installation. Access to the encrypted content is allowed through the built-in touchpad, so any system that supports a USB storage device can be used to access the data.

The S2510BU3PW encrypted HDD enclosure is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### **Applications**

- Home and/or business users who need to keep secured backups of sensitive documents (e.g. financial)
- Business travelers who need to keep important documents on a local drive secure, while away from the office
- Mobile users who want to make sure their sensitive files are kept private

## Features

- Real time 256-bit AES hardware encryption
- Built-in touchpad
- SuperSpeed USB 3.0 compliant host interface with support for up to 5Gbps of bandwidth
- High speed 32-bit ARM-based controller
- Fits 2.5" form factor SATA drives up to 9.5mm in height
- Hard drive temperature reporting on most HDD/ SSD
- Usage timer while connected to the host computer
- No software or drivers required

## Technical Specifications

|                     |  |
|---------------------|--|
| Warranty            | 2 Years  |
| Interface           | USB 3.0  |
| Bus Type            | USB 3.0  |
| Number of Drives    | 1  |
| Drive Size          | 2.5in  |
| Drive Type          | SATA   |
| Drive Installation  | Fixed  |
| Fan(s)              | No   |
| Chipset ID          | Fujitsu MB86C311   |
| Drive Connectors    | 1 - SATA Data & Power Combo (7+15 pin) Receptacle  |
| Host Connectors     | 1 - USB 3.0 Micro-B (10 pin; SuperSpeed) Female  |
| Type and Rate       | USB 3.0 - 5 Gbit/s   |
| Type and Rate       | SATA II (3 Gbps)   |
| Max Drive Capacity  | Currently tested with up to 1TB 5400 RPM hard drives   |
| Hot Swap Capability | No   |
| OS Compatibility    | Windows 2000/ XP(32/64-bit)/ Server 2003(32/64-bit)/ Vista(32/64-bit)/ 7(32/64-bit)/ Server 2008 R2/ 8(32/64-bit), Mac OS X, and Linux |
| Color               | Black  |
| Enclosure Type      | Steel and Plastic  |
| Max Drive Height    | 0.4 in [9.5 mm]  |
| Product Length      | 4.8 in [123 mm]  |
| Product Width       | 3 in [77 mm]   |
| Product Height      | 0.6 in [14 mm]   |
| Product Weight      | 3.3 oz [94 g]  |

|                               |   |
|-------------------------------|---|
| Power Adapter Included        | USB Powered   |
| Operating Temperature         | 0°C to 40°C (32°F to 104°F)   |
| Storage Temperature           | -20°C to 70°C (-4°F to 158°F)   |
| Humidity                      | > 70% RH  |
| System and Cable Requirements | Available USB 3.0 or 2.0 port   |
| <b>Note</b>                   | It is recommended that the enclosure act as a backup to important files, and not as additional storage (unless also regularly backed up), as lost passwords or hardware failure (SATA drive or enclosure) will result in the stored data being unrecoverable. |
| Package Quantity              | 1   |
| Shipping (Package) Weight     | 10.9 oz [310 g]   |
| Included in Package           | 1 - 2.5in SATA Enclosure  |
| Included in Package           | 1 - USB 3.0 Cable   |
| Included in Package           | 1 - USB to DC Adapter Cable   |
| Included in Package           | 1 - Mini Driver and Screw Kit   |
| Included in Package           | 1 - Carrying Pouch  |
| Included in Package           | 1 - Cleaning Cloth  |
| Included in Package           | 1 - Instruction Manual  |

Certifications, Reports and Compatibility

