

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

**Product 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.

### Certifications, Reports and Compatibility

#### 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

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

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#### Hardware

Warranty	2 Years
Fan(s)	No
Interface	USB 3.0
Bus Type	USB 3.0
Number of Drives	1
Drive Size	2.5in
Compatible Drive Types	SATA
Drive Installation	Fixed
Chipset ID	Fujitsu - MB86C311

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#### Performance

Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	No
Type and Rate	SATA II (3 Gbps)
Max Drive Capacity	Currently tested with up to 1TB 5400 RPM hard drives
Hot Swap Capability	No
General Specifications	256-bit AES Hardware Encryption

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#### Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
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Host Connectors	USB 3.0 Micro-B (10 pin, SuperSpeed)
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**Software**

OS Compatibility	OS independent; No software or drivers required
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**Special Notes / Requirements**

System and Cable Requirements	Available USB 3.0 or 2.0 port
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Note	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.
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**Indicators**

LED Indicators	OLED Readout Display
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**Power**

Power Source	Not Included (not required for standard applications)
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Input Voltage	5 DC
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Output Voltage	5 DC
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Output Current	1 A
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Center Tip Polarity	Positive
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Plug Type	H
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**Environmental**

Operating Temperature	0C to 40C (32F to 104F)
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Storage Temperature	-20C to 70C (-4F to 158F)
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Humidity	> 70% RH
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**Physical Characteristics**

Color	Black
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Material	Steel and Plastic
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Max Drive Height	0.4 in [9.5 mm]
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Product Length	4.8 in [12.3 cm]
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Product Width	3.0 in [77 mm]
Product Height	0.6 in [14 mm]
Weight of Product	3.3 oz [94 g]

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**Packaging Information**

Package Length	8.3 in [21 cm]
Package Width	5.6 in [14.2 cm]
Package Height	1.6 in [40 mm]
Shipping (Package) Weight	10.9 oz [310 g]

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**What's in the Box**

Included in Package	USB 3.0 Cable
	USB to DC Adapter Cable
	2.5in SATA Enclosure
	Mini Driver and Screw Kit
	Instruction Manual
	Carrying Pouch
	Cleaning Cloth

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***\*Product appearance and specifications are subject to change without notice.***

