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

StarTech ID: S2510BU3PWPS

The S2510BU3PWPS USB 3.0 HDD Enclosure features keypad 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 keypad, so any system that supports a USB storage device can be used to access the data.

The S2510BU3PWPS encrypted HDD enclosure is backed by a StarTech.com 2-year warranty and free lifetime technical support.
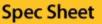
Applications

- 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 portable external 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
- No software or drivers required
- 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
- Built-in keypad

Technical Specifications

Warranty	2 Years
Bus Type	USB 3.0
Chipset ID	MB86C311 / Fujitsu
Drive Installation	Fixed
Drive Size	2.5in
Drive Type	SATA
Interface	USB 3.0
Number of Drives	1
Connector Type(s)	1 - USB 3.0 Mini-B (10 pin; SuperSpeed) Female
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Female
Hot Swap Capability	No
Max Drive Capacity	Currently tested with up to 1TB 5400 RPM hard drives
Type and Rate	SATA II (3 Gbps)
Type and Rate	USB 3.0 - 5 Gbit/s
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	Plastic
Max Drive Height	0.4 in [9.5 mm]
Product Height	0.6 in [16 mm]
Product Length	3.1 in [78 mm]
Product Weight	2.6 oz [75 g]
Product Width	5.3 in [135 mm]

LED Indicators	1 - 1_USB Connected
LED Indicators	1 - 2_Input new password, and then press 'Enter' button
LED Indicators	1 - 3_Input password, and then press 'Enter' button
LED Indicators	1 - 4_Wrong password input or Error occurred
LED Indicators	1 - 5_It's being processed. Please wait a second
Power Adapter Included	USB-Powered
Humidity	5-90% RH
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
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.
System and Cable Requirements	Available USB 3.0 or 2.0 port
Included in Package	1 - 2.5" SATA HDD Enclosure w/ Encryption
Included in Package	1 - 31in USB 3.0 Cable
Included in Package	1 - Carrying Pouch
Included in Package	1 - Instruction Manual
Shipping (Package) Weight	0.4 lb [0.2 kg]

Certifications, Reports and Compatibility