

**USB 3.0 SuperCrypt™**



The reliability of Flash, the performance of an SSD, the compatibility and portability of USB and the Security of Hardware Encryption come together in SuperTalent's USB 3.0 SuperCrypt drive.

**Features:**

- All data written to drive is automatically encrypted
- Secure partition locks upon removal
- Hardware Encrypted partition does not appear until password is authenticated
- Secure Erase Feature
- 64MB Cache support elevates small block reads and writes
- Key is stored in hardware and never passed on the USB or System bus

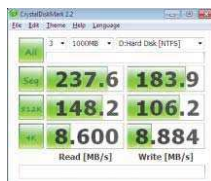
The SuperCrypt standard version provides 128bit AES encryption in ECB mode. The SuperCrypt Pro provides a stronger security algorithm, 256bit AES encryption in XTS mode.

An easy to use application is carried in a read-only partition on the drive. When a password is set, this application must be run and the password authenticated before access to the secure partition is granted.

Here are some performance numbers that will give you a guideline of the performance that you might expect. These are incredible speeds for any drive, and this one is encrypted, portable and USB 3.0



**256GB**



**128GB**



**64GB**



**32GB**



**16GB**

**■ USB 3.0 SuperCrypt™**

Device	USB 3.0 SuperCrypt Drive	USB 3.0 SuperCrypt Pro
<b>Physical Specification</b>		
Interface	USB 3.0	USB 3.0
Capacity	16 -256GB	32GB - 256GB
NAND Flash	MLC	MLC
Dimensions	95 x 34 x 15.4 mm	95 x 34 x 15.4 mm
<b>Performance Specification</b>		
Seq. Read*	240 MB/s	240 MB/s
Seq. Write*	184 MB/s	184 MB/s
OS Support	Windows XP, Vista, Window 7 (32/64-bit)	Windows XP, Vista, Window 7 (32/64-bit)
Perform Maint	Supports Garbage Collection & Trim	Supports Garbage Collection & Trim
<b>Reliability Specification</b>		
MTBF	1,000,000 hours	1,000,000 hours
Data Reliability	Built-in EDC/ECC	Built-in EDC/ECC
Security	128bit Hardware Encryption, ECB	256bit Hardware Encryption, XTS
<b>Environmental Specification</b>		
Shock	1500G, 3 axis	1500G, 3 axis
Vibration	16G, each axis	16G, each axis
Operating Temperature	0°C to +70°C	0°C to +70°C
Internal Cache Size	64MB	64MB
Part Numbers	<b>Super Crypt</b>	<b>Super Crypt Pro</b>
	16GB - ST3U16SCS 32GB - ST3U32SCS 64GB - ST3U64SCS 128GB - ST3U28SCS 256GB - ST3U56SCS	32GB - ST3U32SPS 64GB - ST3U64SPS 128GB - ST3U28SPS 256GB - ST3U56SPS

\* Max speed may be limited by host environment and or drive capacity  
Available April 12, 2010