![Virtium - Solid State Storage and Memory]

StorFly® 18

**1.8" SATA 6G SSD
CE, XE, and PE Classes**

Industrial Embedded Technology for our Interconnected world

Overview

StorFly® 18 SATA CE, XE and PE SSDs deliver an optimal solid-state storage solution for embedded and industrial systems that may require a high-reliability replacement to hard-to-find 1.8" HDDs. StorFly 18 SSDs are also smaller, thinner, "eject-able" alternatives to 2.5".

SATA SSDs that provide the benefit of enhanced serviceability without the need for a hot-swap carrier. At a 5mm thickness, StorFly 18 SSDs are ideal for 1U server and blade applications where airflow and cooling are high priorities.

StorFly 18 - Ideal for industrial automation, networking, server, blade and medical applications

Applications

StorFly 18 SSDs are ideal for industrial automation, networking, server, blade and medical applications that require high performance in a form factor only 5mm high. They are ideal as replacements for hard-to-find 1.8" HDDs and can be used in lieu of 2.5" for easy hot swapping and service.

StorFly 18 SSDs are also used in many military and ruggedized portable computers.

Designed, built, and supported in the U.S.—fortified by locations worldwide

Features

- Standard and industrial temperature
- vtGuard Power-Fail Protection
- vtView software accessable
- Global static and dynamic wear leveling

Specifications

Interface	SATA 6G (SATA III), 3G and 1.5G		
Voltage / Power	3.3v / 1.7W		
UBER	<1 sector error in 1015 bits read		
MTBF	> 2M hours		
Environmental	MIL-STD-810F		
Compliance	ATA/ATAPI-8 (ACS-2), FCC, CE, UL, RoHS, WEEE		
Dimensions (mm)	54.00 x 78.25 x 5.0		

	CE	XE	PE
Class			
Media	MLC (Good)	iMLC (Better)	SLC (Best)
Capacity	30GB-960GB	16GB-480GB	8GB-256GB
*Endurance	1X Baseline	7X Baseline	30X Baseline
Operating Temperature	0° to 70°C	-40° to 85°C	-40° to 85°C
Warranty	3 Years	5 Years	5 Years

* Endurance Baseline = one entire drive write per day for the entire warranty period.

Ordering Information

VSF18x(C/I)yyyG-zzz

where:

VSF   Virtium StorFly
B18x   Form factor and product class
(C/I)   Commercial / Industrial operating temp
yyyG   Capacity (1GB = 1,000,000,000 bytes)
zzz   Virtium proprietary

Virtium manufactures memory and storage solutions for the world's top industrial embedded OEMs. For two decades we have designed, built and supported our products in the USA - fortified by a networ of global locations. Our world-class technology and unsurpassed support provide a superior customer experience that continuously results in better industrial embedded products for our increasingly interconnected world.

Virtium.
Solid State Storage and Memory

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