Virtium.
Solid State Storage and Memory

StorFly® 25

2.5" SATA 6G SSD
CE, XE, and PE Classes

Industrial Embedded Technology for our Interconnected world

StorFly 25 – Ideal for applications that require high performance in an industry-standard 2.5" form factor.

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

Overview

Virtium's StorFly® 25 SSDs are designed for the unique capacity, workload and product longevity requirements of a broad range of embedded systems. As rugged storage solutions, StorFly 25 products meet MIL-STD-810F standards for shock, vibration and altitude..

Applications

StorFly 25 SSDs are ideal for industrial automation, networking, server, blade and medical applications that require high performance in an industry-standard 2.5" form factor.

They are ideal as rugged alternatives to 2.5" HDDs and are also used in many military and ruggedized portable computers and data recorders.

Features

- Standard and industrial temperature

- vtGuard Power-Fail Protection

- vtView software accessable

- Global static and dynamic wear leveling

- Self Encrypting Drive (SED) optional

Specifications

Interface	SATA 6G (SATA III), 3G and 1.5G
Voltage / Power	5v / 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)	69.85 x100.5 x 5.0

Class	CE	XE	PE
Media	MLC (Good)	pSLC (Better)	SLC (Best)
Capacity	30GB-4TB	16GB-1920GB	8GB-256GB
*Endurance	1X Baseline	7X Baseline	30X Baseline
Operating Temperature	0º to 70ºC	-40º to 85ºC	-40º to 85ºC
Warranty	3 Years	5 Years	5 Years

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

Ordering Information

VSF25x(C/I)yyyG-zzz

where:

VSF   Virtium StorFly
B25x   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.

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