StorFly® CFast

CFast 6G SSD
CE, XE and PE Classes

Industrial Embedded Technology for an Interconnected World

StorFly CFast SSDs are ideal for industrial automation, networking and medical applications that require high performance in a small, framed, "eject-able" form factor.

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

Overview

Virtium's StorFly CFast SSDs are designed for the unique capacity, workload and product longevity requirements of a broad range of embedded systems. As rugged storage solutions, StorFly CFast products meet MIL-STD-810F standards for shock, vibration and altitude. Virtium backs its world-class storage products with a three or five year warranty and delivers the longest product life cycles in the industry.

Applications

StorFly CFast SSDs are ideal for industrial automation, networking and medical applications that require high performance in a small, framed, "eject-able" form factor. An industry standard backed by the CompactFlash Association, CFast is the most straightforward solution for next generation systems that had previously used CompactFlash cards.

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	5v / 1.7W
UBER	<1 sector error in 10^{15} bits read
MTBF	> 2M hours
Environmental	MIL-STD-810F
Compliance	ATA/ATAPI-8 (ACS-2), FCC, CE, UL, RoHS, WEEE
Dimensions (mm)	42.80 x 36.40 x 3.30

	CE	XE	PE
	Good	**Better**	**Best**
Media	MLC	iMLC	SLC
Capacity	30GB-480GB	30GB-480GB	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

VSFBMxxx(C/I)yyyG-zzz

where:

VSF = Virtium StorFly

BMxxx = 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 network 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.