

StorFly[®] CFast

CFast 6G SSD

30GB – 480GB (CE)

8GB – 256GB (PE)



**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
- SMART attribute reporting
- Global static and dynamic wear leveling
- MTBF 2M hours
- Compliance:

- SATA 6G, 3G and SATA 1.5G
- ATA/ATAPI-8 (ACS-2)
- FCC, CE, UL, RoHS, WEEE

Specifications		
Interface	SATA 6G (SATA III)	
Power (typical)	1.7.W	
UBER	< 1 sector error in 10 ¹⁵ bits read	
MTBF	>2M hours	
Environmental	MIL-STD-810F	
Mechanical Dimensions (mm)	42.80 x 36.40 x 3.30	
Class	CE	PE
Capacity Range¹	30GB to 240GB	8GB to 128GB
NAND Flash	MLC	SLC
Read/write sequential² (MB/s)	Up to 500 / 330	Up to 500 / 400
Read/write IOPS²	Up to 69,000 / 15,000	Up to 25,700 / 2,300
Operating Temperature	Commercial: 0°C to 70°C	Commercial: 0°C to 70°C Industrial: -40°C to 85°C
Endurance² (GB/day for 10 years)	25	250
Warranty	3 years	5 years

1: 1GB = 1,000,000,000 bytes

2: max capacity SSD

Ordering Information

VSFCS2x(C/I)yyyG-zzz	VSF	Virtium StorFly
	CS2x	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 18 years 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.

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