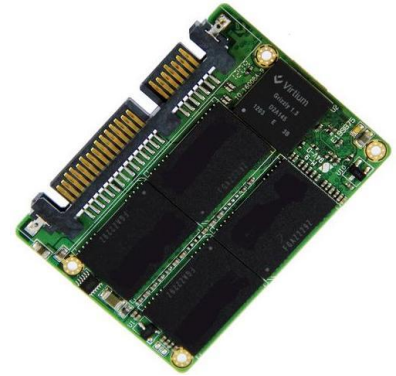


StorFly® 200

MO-297 Slim SATA 6G SSD

30GB – 480GB (CE)

8GB – 256GB (PE)



**Industrial Embedded
Technology for an
Interconnected World**

**StorFly 200 – Ideal for
applications that require a
form factor with a volume
that is roughly 15% that
of a 2.5-inch SSD**



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

Overview

Virtium's StorFly® 200 SSDs are designed for the unique capacity, workload and product longevity requirements of a broad range of embedded systems. As rugged storage solutions, StorFly 200 Slim SATA 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 200 Slim SATA SSDs are designed for optimum performance at low to moderate capacity points and are excellent solutions for write-intensive applications.

They are ideal for medical, networking, industrial automation, in-flight entertainment, point-of-sale terminals and wearable computers that require a form factor with a volume that is roughly 15% that of a 2.5-inch SSD.

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)	54.00 x 39.00 x 4.0	
Class	CE	PE
Capacity Range¹	30GB to 480GB	8GB to 256GB
NAND Flash	MLC	SLC
Read/write sequential² (MB/s)	Up to 530 / 430	Up to 370 / 280
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)	51	709
Warranty	3 years	5 years

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

2: max capacity SSD

Ordering Information

VSF202x(C/I)yyyG-zzz	VSF	Virtium StorFly
	202x	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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30052 Tomas | Rancho Santa Margarita, CA 92688

Phone: 949-888-2444 | Fax: 949-888-2445

www.virtium.com

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