

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 accessible
- 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 |  |  |  |
|-----------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Media | MLC (Good) | iMLC (Better) | SLC (Best) |
| Capacity | 30GB-480GB | 30GB-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

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 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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