

# StorFly® M.2

## SATA 6G SSD & PCIe

### CE, XE and PE Classes



**Industrial Embedded  
Technology for an  
Interconnected World**

**StorFly M.2 SSDs are  
designed to deliver high  
performance in a small  
form factor for many of  
today's space-constrained  
system requirements.**



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

## Overview

Virtium's StorFly SSDs are designed for the unique capacity, workload and product longevity requirements of a broad range of embedded systems. As rugged storage solutions, StorFly M.2 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 M.2 SSDs are designed to deliver high performance in a small form factor for many of today's space-constrained system requirements. They are particularly well-suited for a broad variety of embedded infrastructure applications that include networking base stations, industrial automation equipment, and transportation control and data logging systems.

## Features

- Standard and industrial temperature
- vtGuard Power-Fail Protection
- vtView software accessible
- Global static and dynamic wear leveling

## Specifications

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| <b>Interface</b>       | SATA 6G (SATA III), 3G and 1.5G                         |
| <b>Voltage / Power</b> | 3.3v / 1.7W                                             |
| <b>UBER</b>            | <1 sector error in 10 <sup>15</sup> bits read           |
| <b>MTBF</b>            | > 2M hours                                              |
| <b>Environmental</b>   | MIL-STD-810F                                            |
| <b>Compliance</b>      | ATA/ATAPI-8 (ACS-2), FCC, CE, UL, RoHS, WEEE            |
| <b>Dimensions (mm)</b> | 42.15 x 22.15 x 3.65 (2242) 80.15 x 22.15 x 3.65 (2280) |



|                              | <b>Good</b> | <b>Better</b> | <b>Best</b>  |
|------------------------------|-------------|---------------|--------------|
| <b>Media</b>                 | MLC         | iMLC          | SLC          |
| <b>Capacity</b>              | 30GB-480GB  | 30GB-480GB    | 8GB-256GB    |
| <b>*Endurance</b>            | 1X Baseline | 7X Baseline   | 30X Baseline |
| <b>Operating Temperature</b> | 0° to 70°C  | -40° to 85°C  | -40° to 85°C |
| <b>Warranty</b>              | 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

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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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