



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# StorFly® 300

MO-300 mSATA 6G SSD  
CE, XE and PE Classes



**Industrial Embedded  
Technology for our  
Interconnected World**

**StorFly 300 – Ideal for  
applications that require a  
form factor with a volume  
that is roughly 10% that  
of a 2.5-inch SSD**



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

## Overview

Virtium's StorFly® 300 SSDs are designed for the unique capacity, workload and product longevity requirements of a broad range of embedded systems. As rugged storage solutions, StorFly 300 mSATA 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 300 mSATA SSDs can be designed into systems that implement SATA 3Gbps connectivity over a widely-used PCIe miniCard socket that has the added benefit of industry-standard clamping mechanism.

They are great for wearable or vehicle computers and other high shock and vibration applications that require a form factor with a volume that is less than 10% that of a 2.5-inch SSD.

## 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>	5v / 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>	50.00 x 29.85 x 3.70



**Good**



**Better**



**Best**

<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

**VSF302x(C/I)yyyG-zzz**

where:

<b>VSF</b>	Virtium StorFly
<b>302x</b>	Form factor and product class
<b>(C/I)</b>	Commercial / Industrial operating temp
<b>yyyG</b>	Capacity (1GB = 1,000,000,000 bytes)
<b>zzz</b>	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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