



## **Virtium Doubles Capacity of StorFly Industrial SSD Line**

***New 2.5-Inch SATA Drives Feature Industry-High 4TB, I-Temp Support, Shock/Vibration Tolerance, Integrated Data Protection, Cost-Efficient 3D NAND***

**RANCHO SANTA MARGARITA, Calif. – October 22, 2019** -- Virtium, a leading provider of industrial solid-state drive (SSD) and memory solutions for the Industrial Internet of Things (IIoT) market, today announced it has doubled the capacity of its StorFly® 2.5-inch line of SATA industrial SSDs. Now with a top-capacity of four terabytes (4TB), the drives are ideal for large file-write applications such as security/surveillance and data logging, as well as demanding file-content uses such as 3D mapping and databases in growing demand in the transportation, IIoT, edge computing, and military/aerospace markets.

The new, double-capacity Virtium® StorFly industrial SSDs are among the first 4TB 2.5-inch SATA SSDs on the market. The drives are also among the few of that capacity that also feature industrial temperature (I-Temp) support, high shock/vibration tolerance and integrated data protection. Moreover, the 2.5-inch SSDs are designed around triple-level-cell (TLC) 3D NAND flash that yields higher densities at a lower cost per bit. They use the SATA interface for maximum compatibility, and feature a low operating power of 3.4W.

“The transportation, IIoT, edge computing, and military/aerospace markets are forever on the hunt for storage solutions to efficiently collect and protect their ever-growing volume crucial data, making highly durable, dependable solid-state storage an imperative,” said Scott Phillips, Virtium vice president of marketing. “These new 4TB StorFly industrial SSDs *check all the boxes* for those markets: tolerance to extreme

conditions, cost-efficient flash, much higher capacities, and capability in both form factor and interface. Our customers in those markets trust Virtium to address their needs with proven SSD solutions.”

The new, higher-capacity drives’ 2.5-inch form factor enables them to be deployed in standard storage enclosures/racks and to quickly replace older SSDs with lower capacities and/or that are less tolerant of extreme temperature, shock and vibration. As with all StorFly industrial SSDs, these new 4TB drives are supported by a suite of tools providing additional data protection and solid-state storage monitoring. These software modules provide users the ability to optimize, protect, manage and qualify SSDs. Additionally, the new StorFly drives feature an integrated AES-256 encryption engine with on-the-fly encryption to protect data at rest, as well as secure-erase capabilities.

Virtium StorFly SSDs use one of the market’s only NAND manufacturer-endorsed industrial-temperature 3D flash storage. This is in contrast to other, previously introduced industrial-temperature 3D NAND that lack manufacturers’ endorsement, posing the risk of longer-term reliability issues. With I-Temp support, the drives are designed to operate reliably in extreme temperatures that are typical across the embedded-systems landscape.

For more information on the new StorFly 4TB 2.5-inch SATA SSDs, view the product brief [here](#). Complete specifications of the entire StorFly family of SSDs can be viewed in [this matrix](#). To inquire about and order specific Virtium SSDs or memory modules, call 888.847.8486 or email [sales@virtium.com](mailto:sales@virtium.com).

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## **About Virtium**

Virtium is a leading supplier of industrial-grade solid-state storage and memory solutions for the world’s top OEMs. For more than two decades, the company has designed and built its SSDs, products in the USA, fortified by a global network of

sales and support locations. Virtium's world-class technology and unsurpassed customer support result in superior industrial embedded solutions for our interconnected world.

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