

NEWSLETTER



INDUSTRIAL GRADE BiCS5 3D TLC NVMe AND SATA SSD PLATFORMS WITH SMALL FORM FACTOR AND LOW POWER

SSD platforms provide support for four successive generations of 3D TLC, which will allow for at least a 10-year life cycle.

Virtium introduced the second generation StorFly® Series 3 M.2 NVMe and SATA SSD platforms. These new drives are among the industry's first industrial-grade BiCS5 gTLC (true industrial grade) storage solutions, which include full cross-temp (-40°C to 85°C) characterization and an option for pseudo-SLC (pSLC) support for extended endurance and long-term lifecycles. The StorFly Series 3 SSDs are designed to deliver consistent performance over their product life, capacity, and full industrial temperature range in both standard and extended endurance (XE) configurations. A unique feature of these drives is support for lower capacities with extended endurance (pSLC), which makes them ideal as a low-cost boot drive while also consuming less power and generating less heat to help optimize system designs.



TRUE INDUSTRIAL GRADE NVMe SSD PLATFORM

The platform supports M.2 2230, 2242 and 2280 format with PCIe Gen3x4 interface.



TRUE INDUSTRIAL GRADE SATA SSD PLATFORM

The SATA SSD platform supports M.2 2242, 2260, and 2280 format, mSATA (MO-300A), and Slim SATA (MO-297) with SATA 3.1 interface.

KEY FEATURES

- Capacity ranges from 8GB to 1TB (2TB or higher options available in Series 6).
- Integrated power and thermal management for best steady-state performance over widest temperature range (-40°C to 85°C).
- Integrated vtGuard™ power-fail protection to protect data during an unexpected power loss.
- Integrated vtSecure® data security supporting AES encryption with crypto-erase sanitization, device locking, and TCG Opal options on select devices.
- Host Memory Buffer (HMB) support.
- Locked bill-of-materials and advanced product change notifications .

The new Series 3 M.2 NVMe and SATA SSDs are sampling now.

To learn more, visit our M.2 NVMe page here, or M.2 SATA here or contact Sales here.

