



INDUSTRIAL TEMP (-40°C TO +85°C) | CAPACITIES: 16GB – 16TB

Simplify, Accelerate, and Reduce the Cost of the Embedded Systems Development

FORM FACTORS
2.5"
1.8"
M.2 2242
M.2 2280
mSATA
SlimSATA
CFast

KEY FEATURES

- Interfaces: SATA 6Gbps
- vtGuard power loss protection (PLP) with advanced thermal and power management
- High endurance SLC, pSLC, TLC
- Data protection with AES-256 Encryption and TCG Opal
- Extended product life (7+ years) beyond fast-moving industry changes
- Multiple architectures for varied performances and workloads, endurance and power
- High reliability, consistent performance and low power
- SMART Interface for monitoring and control

Virtium Advantages	Details
Technology Stack	<ul style="list-style-type: none"> • Value-added features leveraging mainstream technology • Optimized design and architecture for longevity, cost, and performance
Quality Systems	<ul style="list-style-type: none"> • Highest reliability in design, production, and delivery • Extensive technical support from design to end-of-life
Lifecycle Solutions	<ul style="list-style-type: none"> • Longest product availability • Consistent and sustainable solutions during product lifecycle

Virtium extends its Industrial / Edge AI products to include SOMs, AI Accelerators, and Connectivity solutions.



SATA SSD SOLUTIONS

Simplify, Accelerate, and Reduce the Cost of the Embedded Systems Development

StorFly® 2.5" SATA

Interface: SATA 6Gbps
NAND: pSLC, TLC
Capacities: 80GB - 16TB



StorFly® 1.8" SATA

Interface: SATA 6Gbps
NAND: pSLC, TLC
Capacities: 320GB to 1TB



StorFly® M.2 SATA

Interface: SATA 6Gbps
NAND: pSLC, TLC
Capacities: 16GB - 2TB
Form Factors: M.2 2242, and 2280



StorFly® mSATA

Interface: SATA 6Gbps
NAND: pSLC, TLC
Capacities: 16GB to 1TB



StorFly® CFast

Interface: SATA 6Gbps
NAND: SLC, pSLC, TLC, and MLC
Capacities: Up to 480GB



StorFly® Slim SATA

Interface: SATA 6Gbps
NAND: TLC
Capacities: Up to 480GB



ABOUT US

Virtium has been a trusted supplier of solid-state storage and memory solutions for over two decades. Building on this legacy, we are excited to expand our product portfolio to include SOMs, AI accelerators, and connectivity modules. Designed for industries that demand extreme temperature tolerance, unwavering reliability, exceptional endurance, and long product lifespans, Virtium's solutions deliver seamless, high performance for Edge AI embedded systems and advanced digital infrastructures. Virtium remains committed to providing unparalleled service and support throughout the entire product lifecycle. To learn more, visit our website:

- For storage and memory modules: www.virtium.com
- For SOMs, AI accelerators, and connectivity solutions: www.embeddedartists.com

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