



SMART Modular Announces 3D TLC NAND-Based Solid State Drive

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With up to 4TB of storage, SMART's new HRS-T5E SSD leverages the latest technologies providing superior attributes in a highly ruggedized casing.

NEWARK, CA, May 1, 2019 — [SMART Modular Technologies, Inc.](#), a subsidiary of [SMART Global Holdings, Inc.](#), (NASDAQ: SGH), and a leader in specialty memory, storage and hybrid solutions including memory modules, Flash memory cards and other solid state storage products, today announced a new addition to its [SMART RUGGED™](#) product offering, the HRS-T5E 2.5" SATA SSD.

Powered by a flexible, custom flash controller, the HRS-T5E SSD provides read/write performance ideal for high throughput applications such as flight data recorders and sensor data capture. It is also well suited for high-reliability telemetry, surveillance, and other mission critical storage applications.

Available in capacities up to 4TB, SMART's new 3D TLC NAND Flash storage solution offers more reliability, superior performance, and requires less power and cooling in applications where traditional hard disk drives (HDDs) are typically used. Recent improvements in 3D NAND, endurance-enhancing data placement and error correction technology, make the T5E perfectly suitable as a cost effective replacement for 2D planar based SSDs for read-intensive applications.

As part of the SMART RUGGED product offering, the T5E can be configured with a host of optional security features. These include SMART's Security Data Elimination Technology (SDET) which meets current declassification standards, as well as AES-XTS 256-bit encryption, which automatically protects all data written to the drive. The HRS-T5E also passes MIL-STD-810G standard and can be configured for OPAL 2.0 compliance.

"What makes the T5E unique versus the competition is that, from a configuration standpoint, it is very flexible," stated Mike Guzzo of SMART Modular Technologies. "In addition to inclusion of our standard ruggedization features, this drive can be configured with an impressive list of optional security features, mil-erase sequences or other customer specific requirements."

You can review and compare the HRS-T5E product specifications, feature sets, capabilities and more vs SMART's other ruggedized SSD product offerings by viewing the [Product Comparison Chart](#).

SMART will be showcasing its entire line of SMART RUGGED products at the "All Things Unmanned" show [AUVSI Xponential 2019](#) from April 30 thru May 2 at McCormick Place in Chicago IL in [booth 4742](#). SMART will also be showcasing at [Sea-Air-Space Exposition 2019](#) from May 6-8 at Gaylord National Convention Center in National Harbor, MD in the main exhibit hall at [booth 1051](#). Attendees are encouraged to visit each stand to learn about SMART's new SMART RUGGED line of ruggedized products and other specialty product options.

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About SMART Modular Technologies

SMART Modular Technologies is a global leader in specialty products critical to electronic devices including memory modules, solid state drives and other solid state storage products and hybrid solutions available in standard and ruggedized, high performance, high capacity applications, serving industry for over 30 years. SMART Modular delivers solutions to a broad customer base, including OEMs in computing, networking, communications, storage, mobile, mil-aero and industrial markets. Focused on providing extensive customer-specific design capabilities, technical support and value-added testing services, SMART collaborates closely with their global OEM customers throughout the design process and across multiple projects to create solutions for demanding applications with differentiated requirements. SMART is also a pioneer of secure, ruggedized solid state drives (SSDs) incorporating additional attributes such as encryption, secure data elimination and write-protect features required in the high-performance military, aerospace and industrial markets. Taking innovations from the design stage through manufacturing and supply, SMART Modular has developed a comprehensive product line comprised of DRAM, Flash and hybrid memory and storage technologies across various form factors. SMART Modular is a subsidiary of [SMART Global Holdings, Inc.](#)

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