



NEWS RELEASE

# SMART Modular Technologies Announces Next Generation of ME2 Flash

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New DuraFlash ME2 product portfolio leverages latest NAND-technology devices to deliver higher capacity drives with optimized performance and enhanced endurance

NEWARK, Calif., March 30, 2022 — **SMART Modular Technologies**, Inc. (“SMART”), a division of **SGH** (Nasdaq: **SGH**) and a global leader in memory solutions, solid-state drive (SSD) and hybrid storage products announces the next generation of its DuraFlash™ ME2 family of SATA SSD products, which includes industry-standard M.2 2242, M.2 2280, mSATA, Slim SATA and 2.5” form factors. These SSDs are available in both industrial and commercial temperature grades and have versions that implement SMART’s SafeDATA™ power-loss, data-protection technology for graceful handling of power fluctuations and sudden power loss events.

The new ME2 SSDs incorporate the latest generation 3D NAND-technology and SMART Modular’s proprietary NVMSentry™ firmware to deliver high performance SSD products with endurance up to one drive writes per day (DWPD) for five years using JEDEC JESD219A enterprise endurance workload. The new NAND device offers better cost per bit over previous 64-layer and 96-layer NAND generations without sacrificing performance and reliability.

Further optimization of the NVMSentry firmware also yields enhancements in read and write consistency over wide ranges of application workloads. High performance computing, data centers, networking, cloud systems and many other applications that demand high reliability and consistency over long operating lifetime can benefit from the new ME2 SSD products.

Victor Tsai, director of Flash products at SMART Modular, explains, “We are constantly looking to leverage improvements in NAND technologies to offer state-of-the-art memory solutions for our customers. We work in partnership with them to deliver denser, faster, cost-optimized storage solutions to meet their ever-evolving needs

in performance and endurance requirements. Our NVMSentry firmware and SafeDATA technology provide the best in class performance consistency and protection of data when power supplies to the system are unreliable and suffer from brown outs and outages.”

ME2 SSD products are available in the following standard form factors, capacities, temperature grades, and available with the SafeDATA feature. SMART can also custom-build SSDs to address specific needs.

Form Factor	Capacities	Temperature Grade	SafeDATA Technology Version
M.2 2242	240GB - 960GB	Industrial and Commercial	No
M.2 2280	240GB - 1920GB	Industrial and Commercial	Yes
MO-297 slim SATA	240GB - 1920GB	Industrial and Commercial	No
mSATA (MO-300)	240GB - 1920GB	Industrial and Commercial	No
2.5"	240GB - 1920GB	Industrial and Commercial	Yes

For more information on SMART’s new ME2 SSDs, visit the product page at [ME2 SATA SSDs](#).

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About SMART Modular Technologies, Inc.

For more than 30 years, **SMART Modular Technologies** has been helping customers around the world enable high performance computing through the design, development and advanced packaging of specialty memory solutions. Our robust portfolio ranges from today’s leading edge technologies to standard and legacy DRAM and Flash storage products. We provide standard, ruggedized and custom memory and storage solutions that meet the needs of diverse applications in high-growth markets.

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