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NEWS RELEASE

SMART Modular Technologies Launches its First Compute Express Link® Memory Module

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SMART's CMM-E3S CXL® Memory Module is designed to meet capacity and bandwidth needs for server and data center applications and workloads

NEWARK, Calif., August 2, 2022 —— **SMART Modular Technologies**, Inc. ("SMART"), a division of **SGH** (Nasdaq: **SGH**) and a global leader in memory solutions, solid-state drives, and hybrid storage announces its new Compute Express Link® (CXL®) Memory Module, the CMM-E3S memory module. SMART's new DDR5 CMM-E3S modules helps boost server and data center performance by enabling cache coherent memory to be added behind the CXL interface, further expanding big data processing capabilities beyond the current 8-channel/12-channel limitations of most servers.

The industry adoption of composable serial-attached memory architecture enables a whole new era for the memory module industry. Serial-attached memory adds capacity and bandwidth capabilities beyond main memory DIMM modules. Servers with CMM-E3S modules can be dynamically configured for different applications and workloads without being shut down. Memory can be shared across nodes to meet throughput and latency requirements.

"With SMART's long history of supporting and enabling industry standards including JEDEC, CCIX® Consortium, Gen-Z™ Consortium, and OpenCAPI/OMI, we are excited to be partnered with CPU and CXL ASIC vendors to support customers' adoption of CXL memory to meet demanding bandwidth, capacity and performance requirements," stated Mike Rubino, SMART's vice president of engineering.

SMART's introductory CMM-E3S modules are offered with a leading-edge CXL ASIC controller built into an E3.S form factor with 64GB of DDR5 memory that is compliant with the CXL 2.0 specification. The goal of this module is to

allow customer and CPU partners to bring up the CXL ecosystem and validate compliance across a variety of server platforms.

SMART's CMM-E3S modules provide additional memory capacity that can be dynamically allocated behind the CXL interface for those workloads that need it. SMART is utilizing its experience in enabling new technologies and new interconnect standards to fully support the adoption of CXL memory.

SMART's new E3.S CMM-E3S modules are the first in a planned family of CXL memory products targeted for memory capacity expansion and memory bandwidth expansion. Other CXL products expected to launch in the near future include Add-In Cards (AICs) and E1.S form factors, each targeted for different server chassis configurations and applications.

SMART's technical expertise supporting ASIC and FPGA-based memory modules aligns with CXL validation requirements for RAS features, including data-path integrity, poisoning and error injection, memory ECC, Chipkill™ECC memory, and scrubbing to ensure the new CMM-E3S modules work as designed.

SMART is a supplier to many top tier OEMs, trusted for its highly reliable memory solutions.
Visit **www.smartm.com** for additional information on SMART's CMM-E3S memory modules.

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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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