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## High Reliability Foremay® Solid State Drive ( SSD )

*SC199 Hi-Rel™ Series SSDs Are Military-Class High Reliability Storage Device that Target Military, Defense, Aerospace, Medical, and Other Mission Critical Applications.*

**FREMONT, California - September 21, 2009** - Foremay, Inc., a leader in high reliability Solid State Drives (SSDs), today announced the SC199 Hi-Rel™ Series solid state drives, military-class high reliability SSDs that meet military standards MIL-STD-810G and MIL-STD-883C. The SC199 Hi-Rel Series targets military (including army, air force and navy), defense, aerospace, medical, and other mission critical applications that require high reliability and high ruggedness.

Foremay emphasizes the two major elements that are critical to high reliability products - Technology Reliability and Process Reliability. Examples of technology reliability incorporated into the SC199 Hi-Rel Series SSDs are low-pressure altitude per MIL-STD-810 Method 500.5, anti-shock per Method 516.6, anti-vibration per Method 514.6, damp heat per Method 520.3, and anti-acoustic noise per Method 515.6.

The SC199 Hi-Rel Series SSDs also incorporate Foremay's high reliability design and manufacturing process that is strictly controlled and audited as a military-class high reliability process. Foremay's high reliability product line operation is managed by a team of high reliability industrial veterans who have intensive experience in design, qualification and manufacturing for submerged applications. Examples of the process reliability incorporated into SC199 Hi-Rel Series SSDs are failure analysis per MIL-STD-883 Method TM-5003, Corrective Action Requirement (CAR), process mean value and distribution control per Method TM-5001 and TM-5002, incoming material inspection and screening procedures per Method TM-5004, testing procedures for solderability and lead integrity per Methods TM-2003 and TM-2004, and high reliability qualification conformance procedures per Method TM-5005.

The SC199 Hi-Rel Series SSDs are made with rugged industrial grade SLC flash, and are geared for high reliability, high performance and high ruggedness applications, as well as for commercial applications in harsh environments such as damp heat tropical forests, deserts, arctic regions, tundra soil areas, mountains, muddy and dusty lands, wetlands, oceans, and under water. Application examples include, but are not limited to:

- Mission Critical Systems such as Military and Defense
- Aerospace / Ship / Vehicle / Train / Subway
- Oil / Gas / Mines
- Outdoor Storage Equipment for Telecom, IT Systems and Electricity Grids



- Disaster Recovery / Public Security
- Medical Equipment
- Government Systems

### *SC199 Hi-Rel Series SSD Availability and Pricing*

The SC199 Hi-Rel Series includes:

- Different form factors: 2.5", 1.8" and 3.5" with SATA, IDE, ZIF and CF Card interfaces.
- Different unit capacities: 4GB, 8GB, 16GB, 32GB, 64GB, 128GB and 256GB.
- Different operating temperatures: -40 ~ +85°C and -40 ~ 100°C.

The SC199 Hi-Rel Series SSDs are now shipping in volume production. Datasheets and pricing information are available upon request; please contact [sales@foremay.net](mailto:sales@foremay.net)

### About Foremay

Founded in the Silicon Valley in 2002, Foremay, Inc. is a leading company dedicated to designing and manufacturing of Solid State Drives (SSDs) for high reliability mission critical computing, industrial computing, enterprise computing, and high end personal computing. Foremay's vision is to bring high ruggedness and high performance solid state drives for high reliability systems, with "Green Initiatives" in mind. Foremay is headquartered in the Silicon Valley, California, USA. For more information and product details please visit [www.foremay.net](http://www.foremay.net)

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