DuraFlash™

SMART SSDs for Compute and Storage
Reliable, Trusted, Proven

In a world that is moving large volumes of data at an ever-accelerating pace, performance is key for servers and storage subsystems. Compute and storage applications both require the ability to quickly store, manage, and access data. Leveraging more than 30 years of knowledge and experience, SMART Modular's Flash storage devices are designed with the customer's data needs in mind for consistent long-term support.

Compute and storage applications both share the common requirements of low latency, high throughput, and mission critical reliability. Leveraging SMART Modular's broad Solid State Drive (SSD) portfolio allows customers to tailor configurations to best meet their infrastructure requirements. From SATA boot drives to NVMe main storage drives, SMART Modular's SSDs are designed to perform in the uncompromising server and storage environments.

Applications and Use Cases

- Data Center and Enterprise Applications for:
  - Metadata backup
  - Workload acceleration

- General Purpose Computing for:
  - Boot
  - Caching

- Intelligent Edge Systems for:
  - Deliver real-time analytics
  - Local storage to reduce latency

- Networking and Security Appliances for:
  - Data logging
  - Consistent and reliable performance

Application-Specific Optimization Capabilities

- NVMSentry™ – Proprietary firmware architecture capable of customization to maximize performance for individual use cases

- Extensive design support for customers including a deployable FAE team

- Pre and post-sales support

Mission Critical SSDs for Enterprise and Data Center Environments

- Industrial temperature (-40°C to +85°C) devices available for fan-less and low airflow systems

- Extensive testing and burn-in to minimize field failures

- Trusted quality components

Security Support for Data Centers, Edge Computing and Service Providers

- SafeDATA™ – Suite of hardware and firmware that goes beyond standard PLP/pFail with intelligent power loss detection

- TCG Opal 2.0 and AES-256 encryption for data security and data sanitization

SP2800 U.2 TLC/
U.2 eTLC

M.2 2280 TLC/
M.2 2280 eTLC

M.2 22110 TLC/
M.2 22110 TLC

ME2 TLC
2.5" SATA SSD

ME2 eTLC M.2
2280 SATA

ME2 TLC M.2
2242 SATA

ME2 mSATA
(MO-300A)

ME2 Slim SATA
(MO-297)

MDC7000 EDSFF
E1.S PCIe NVMe

RU150e
eUSB 2.0

RU350 USB
Flash Drive

U250e
eUSB 3.0

Broad SSD Portfolio

- SATA in M.2, 2.5", mSATA (MO-300), and Slim SATA (MO-297) form factors
- NVMe in M.2, U.2, and EDSFF E1.S form factors
- USB 2.0 and 3.0 in eUSB and flash drive form factors
- Capacities ranging from 16GB to 7.68TB

For more information, please visit: **www.smartm.com**

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