

Flash OEM Solid State Disk

Curtis Flash drives offer high performance and high reliability for a wide range of applications. These include IT and database applications, as well as ruggedized solutions for government and military systems. The drives offer high bandwidth data transfer rates for I/O-intensive applications.

The Flash drives provide **plug and play** SATA solutions for easy integration. The drives support the ATA-8 command set with security extensions for secure computing applications.

Call **866-342-1061** today for consultation on your application.



Accelerated Storage Technology from Curtis

Specifications

Description

- **2.5" Low Profile Solid State Disk**
- **Interface 6Gb/3Gb SATA**
- **Connector SATA 7signal/9PWR**

Models and Capacities

- **FLSH-SATA25-3GB-6G 64GB**
- **FLSH-SATA25-128GB-6G 128GB**
- **FLSH-SATA25-256GB-6G 256GB**
- **3.5" adapters available for this product**
- **1.8" form factors available for this product**

Performance

- **Access Time 55uS Read/60uS Write**
- **IO (transactions/sec) up to 45,000 Read/Write**
- **Interface Transfer Rate 600MB/sec**
- **Data Transfer Rate (sequential) 355MB/sec Read / 215MB/sec Write**
- **ATA Modes Supported : PIO modes 3,4 : DMA modes 0-2 multiword : Ultra DMA modes 0-6**

Physical Specifications

- **Height375"(9.5mm)**
- **Width 2.74" (69.85mm)**
- **Depth 3.95"(100.45mm)**
- **Weight17 lbs(75g)**

Reliability

- **MTBF >1,000,000 Hours**
- **Integrated ECC**
- **Static and Dynamic Wear Leveling**
- **Uncorrectable BER <1E-15 bits read**
- **SMART command set supported for reliability monitoring and reporting**

Data Retention

- **Fully non-volatile utilizing latest Flash Technology**

Environmental Characteristics

- **Operating Temperature 0 to 70°C**
- **Non-Operating Temperature..... -55 to 95°C**
- **Non-Condensing Humidity 5 to 95%**
- **Operating shock1500G/1.0ms**
- **Operating vibration..... 2-500Hz at 3.1G**

Power Requirements

- **+5VDC ± 5%**
 - **Idle, Sleep, Standby.....<20ma**
 - **Read < 400ma, Write..... < 800ma**