

## HyperXCLR Fibre Channel Solid State Acceleration Engine

Unleash the power of database and application servers with the HyperXCLR solid state acceleration engine from Curtis. Utilizing ultra-high integration technology, the HyperXCLR is an OEM solid state storage solution for I/O-intensive applications.

Using innovative packaging and patent pending ASIC technology, Curtis developed the HyperXCLR in standard low profile SCA hard drive footprints making it a truly **plug and play** solution. The HyperXCLR appears as a standard disk drive to the operating system, no special software drivers are needed. Simply replace rotating drives with the HyperXCLR and dramatically improve storage performance.

Call **800-245-3171** today for consultation on your application.

## Accelerated Storage Technology from Curtis



### Specifications

#### Description

- § 3.5" Low Profile Solid State Disk
- § Interface ..... 1G/2G Fibre
- § Connector ..... 40 pin SCA2

#### Models and Capacities

- § HXCLR-SCA10-3GB-xx ..... 3GB
- § HXCLR-SCA10-6GB-xx ..... 6GB
- § HXCLR-SCA10-12GB-xx ..... 12GB
- § HXCLR-SCA10-18GB-xx ..... 18GB
- xx=V Volatile (No Battery or Disk Backup)
- xx=BB Battery Backup included
- xx=DB Battery and Disk Backup included

#### Physical Specifications

- § Height ..... 1.0"(25.46mm)
- § Width ..... 4.0" (101.6mm)
- § Depth ..... 5.75"(146mm)
- § Weight ..... 2 lbs

#### Reliability

- § MTBF ..... >1,000,000 Hours
- § ECC Algorithms exceed server memory reliability

#### High Performance

- § Access Time ..... 20uS
- § IO (transactions/sec) ..... >35000
- § Interface Transfer Rate ..... 200MB/sec
- § Data Transfer Rate (sustained) ..... 197MB/sec

#### Data Retention & Power Management

- § Integrated Dual Redundant Li-Ion Batteries
- § Integrated ruggedized mechanical disk backup optional
- § 1 to 4 Hour Data Retention in battery backup mode

#### Environmental Characteristics

- § Operating Temperature ..... 5 to 40°C
- § Non-Condensing Humidity ..... 10 to 90%
- § Altitude ..... 10000 ft.

#### Power Requirements

- § +5VDC
  - 2.5A Normal Operation
  - 3.5A Peak during system initialization