



Features

- Non-volatile memory and no moving parts
- Up to 80GB storage capacity
- Up to 72 MB/s sustained read/write data rate
- Compact design – only 9.5mm in height
- MIL-STD-810F and NEBS level 3 compliant
- Advanced purge features that comply with government security guidance
- 5 year warranty

Zeus 3.5-inch Fibre Channel Solid State Drive

Industrial Grade Solid State Storage

STEC's Zeus 3.5-inch Fibre Channel Solid State Drive is a high-capacity, high-throughput, rugged memory and mass storage solution for mission-critical systems in a variety of industries. It is used as a drop-in replacement for standard rotating Fibre Channel hard disk drives.

Specifications

Capacity:

Unformatted	10GB - 80GB
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Compatibility:

Fibre Channel Arbitrated Loop and
SCSI Fibre Channel Protocol

Performance:

Latency	0.3 msec
Sustained read/write	55/72 MB/s
Duplex burst read/write	400 MB/s
Cache, multisegmented	64 MB

Reliability:

Non-recoverable read errors	1 sector per 10^{20} per bits read
Data integrity	10 years

Specifications

Physical:

Form factor	3.5-inch
Dimensions	147.0mm (L) x 101.7mm (W) x 9.5mm (H)
Weight	< 0.3 kg
Connector	40-pin SCA-2 (Level 4 Hot Swap) Fibre Channel ANSI Standards

Environmental:

Operating temperature	Commerical: 0° C to + 70° C Industrial: -40° C to +85° C
Storage temperature	-55° C to +95° C
Humidity	5% to 95% relative, non-condensing
Operating altitude (maximum)	80,000 feet
Operating shock	1,500G, MIL-STD-810F
Operating vibration	16.3G RMS, MIL-STD-810F (random, 20Hz to 2000 Hz; 3 vibration axes)

Power:

Input voltage	5VDC $\pm$ 5%
Typical consumption	Idle/standby: 6.0 W Sustained read/write: 9.0 W Sanitize: TBD W

Purge Features:

BasicPurge™	Erase solid state drive
RapidPurge™	Erase solid state drive in seconds
MilPurge™ (optional)	Erase solid state drive in compliance with security guidance (DoD 5220.22-M, NSA 130-2, AFSSI 5020, AR 380-19, and Navso 5239)
Intelligent Destructive Purge™	Physically damages the flash media to make it totally unusable as media

User Interface & Configuration:

Interface	2Gb/sec FC
Firmware upgrade	Field upgrade capability
Format	Low-level format at factory
Drivers	None required

Warranty:

5 years

Customization:

Form factor
Sustained read/write throughput
Storage capacity
Purge features
Conformal coating

Manufacturing:

Santa Ana, CA, United States
ISO 9001-2000 Certified



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