

FiD 2.5" SATA 10000 Plus



Features

- Excellent data transfer speed
- Support Thermal Sensor
- S.M.A.R.T. & i-S.M.A.R.T. supported
- Intelligent system for error recovery
- Mechanical design for anti-vibration

R:250MB/s
W:230MB/s

SATA II
3Gb/s

ECC &
Wear leveling

Thermal
sensor

S.M.A.R.T

Specifications

Connector Type	Standard 7+15 pin SATA connector
Flash Type	SLC (Single-Level Cell)
Density	8GB, 16GB, 32GB, 64GB, 128GB
Interface	SATA II 3.0Gb
Sustained R/W Performance	Read : 250 MB/sec (max.) Write : 230 MB/sec (max.)

Environmental

DC Input	+5V DC $\pm$ 5%
Power consumption (Max.)	Read: 450 mA Write: 560 mA Idle: 200 mA
Operating Temperature	0°C~+70°C (Standard Grade) -40°C~+85°C (Industrial Grade)
Storage Temperature	-55°C~+95°C
Humidity	Relative Humidity: 10-95%, non-condensing
Flash Endurance	100,000 program/erase cycles
MTBF	> 3,000,000 hours
Certification	CE, FCC, RoHS
Warranty	5 years

Mechanicals

Dimension (W x L x H)	69.85x100.10x9.30 mm
Weight	95g $\pm$ 5g
Vibration	20G, 7 Hz to 2K Hz, , 3 axes
Shock	1500G, Duration: 0.5ms, , 3 axes

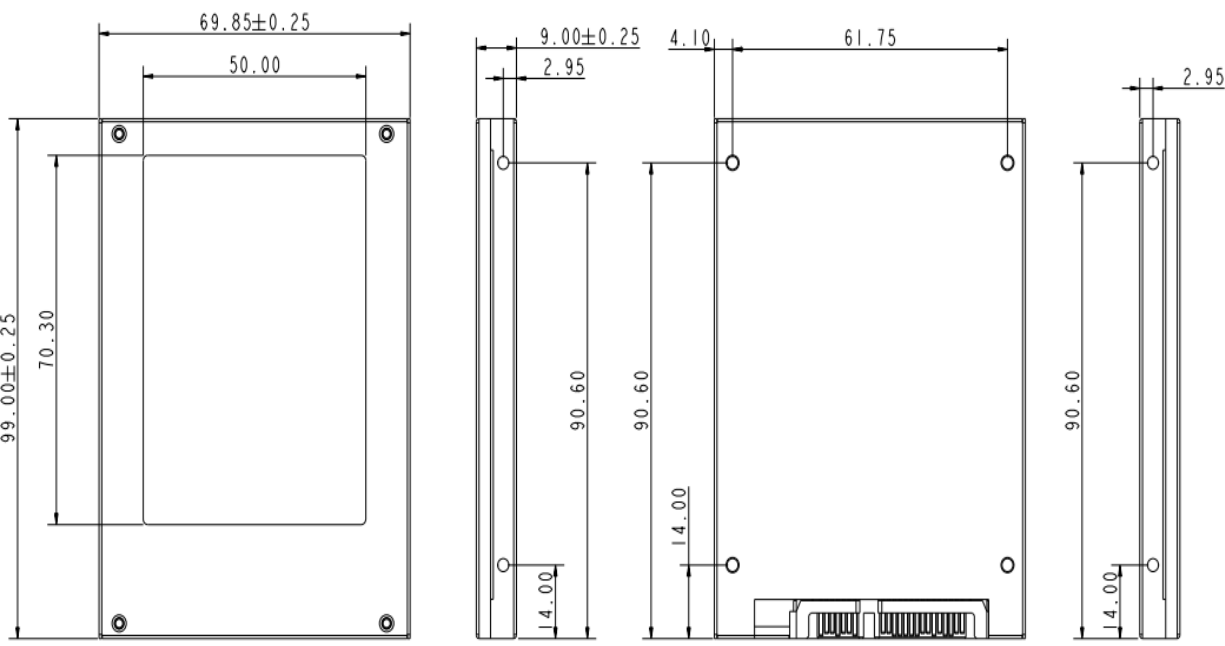
Health monitoring Tool

S.M.A.R.T.	Supported
i-S.M.A.R.T.	Supported (Utility for Windows, Linux)

Ordering Information

Capacity	Standard Grade	Industrial Grade
8GB	D2ST2-08GJ20A C 2EB	D2ST2-08GJ20A W 2EB
16GB	D2ST2-16GJ20A C 2EB	D2ST2-16GJ20A W 2EB
32GB	D2ST2-32GJ20A C 2EB	D2ST2-32GJ20A W 2EB
64GB	D2ST2-64GJ20A C 2EB	D2ST2-64GJ20A W 2EB
128GB	D2ST2-A28J20A C 2EB	D2ST2-A28J20A W 2EB

Mechanical Dimension



Integrated Thermal Sensor

As the speed of the SSD product get faster and faster, overall power consumption continues to increase. Accordingly, it brings a new concern: thermal management. The advantage of Thermal Sensor is that it will allow the SSD to either change the speed or throttle back on the flash accesses to allow the SSD to stay within temperature limits and prevent any reliability failures due to overheating.

