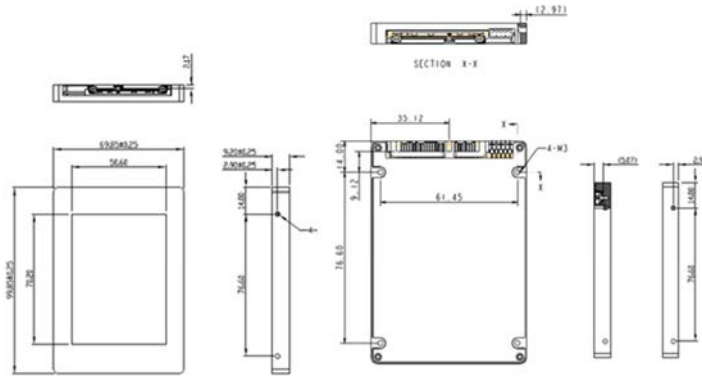


2.5" SATA SSD

3SE2-P series

Drawing



Specifications

Interface	SATA III
Flash Type	SLC
Capacity	8GB~512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)*	520 / 360 MB/s
4KB Random (QD32) R/W (IOPS)	77,000/ 75,000
Max. Power Consumption	2.67 W (5V x 533mA)
Thermal Sensor	√
External DRAM Buffer	√
H/W Write Protect	NA
iCell	Optional
ATA Security	√
S.M.A.R.T.	√
DEVSLP Mode	√ (min. power consumption 3mW)
Slumber Mode	√ (min. power consumption 30mW)
Dimension (WxLxH)	69.8 X 99.8 X 9.2 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours
* Performance based on CrystalDiskMark 5.1.2 with file size 1000MB	

Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DES25-08GD82SCAQB(P)	DES25-16GD82SCAQB(P)	DES25-32GD82SCAQB(P)	DES25-64GD82SCAQB(P)	DES25-A28D82SCAQB(P)	DES25-B56D82SCAQB(P)	DES25-C12D82SCAQT(P)
Industrial Grade (-40°C ~ +85°C)	DES25-08GD82SWAQB(P)	DES25-16GD82SWAQB(P)	DES25-32GD82SWAQB(P)	DES25-64GD82SWAQB(P)	DES25-A28D82SWAQB(P)	DES25-B56D82SWAQB(P)	DES25-C12D82SWAQT(P)

*P: reserved for iCell