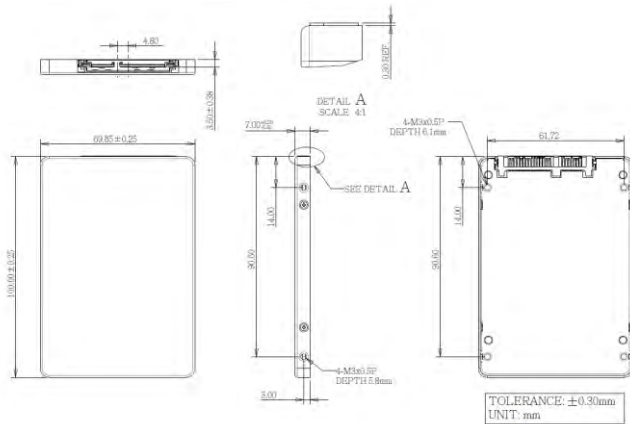


2.5" SATA SSD

3TG8-P series

Drawing



Specifications

Interface	SATA III
Flash Type	3D TLC
Capacity	1TB~8TB
Max. Channels	8
Sequential R/W (MB/sec, max.)*	560 / 520 MB/s
4KB Random (QD32) R/W (IOPS)*	101,000 / 89,000
Max. Power Consumption	5.2 W
External DRAM Buffer	✓
AES encryption	✓
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	69.8 X 100.0 X 7.0 mm ³
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours
* Sequential performance based on CrystalDiskMark 6.0.2 with file size 1000MB of Queue Depth 32	

Ordering Information (Please refer to TPS for detail)

Operation Temp.	1TB	2TB	4TB	8TB
Standard Grade (0°C ~ +70°C)	DGS25-01TDE1KCAEFP DGS25-01TDE2KCAEFP	DGS25-02TDE1KCAEFP DGS25-02TDE2KCAEFP	DGS25-04TDE1KCAEFP DGS25-04TDE2KCAEFP	DGS25-08TDE1KCAEFP DGS25-08TDE2KCAEFP
Industrial Grade (-40°C ~ +85°C)	DGS25-01TDE1KWAEFP DGS25-01TDE2KWAEFP	DGS25-02TDE1KWAEFP DGS25-02TDE2KWAEFP	DGS25-04TDE1KWAEFP DGS25-04TDE2KWAEFP	DGS25-08TDE1KWAEFP DGS25-08TDE2KWAEFP

*DE2 for AES+TCG Opal functions.