

2.5" SATA SSD 3TE7

HIGHLIGHT FEATURES

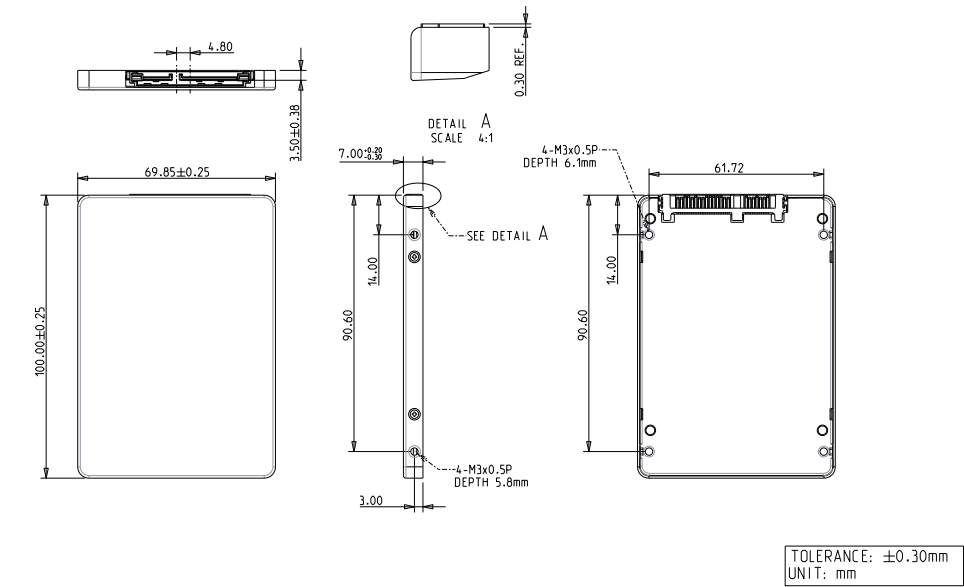
- 2.5" SATA III solution for industrial field
- High IOPS
- iSMART disk health monitoring
- iPower Guard for protecting unstable start up and shut down.
- iData Guard for abnormal power failure
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

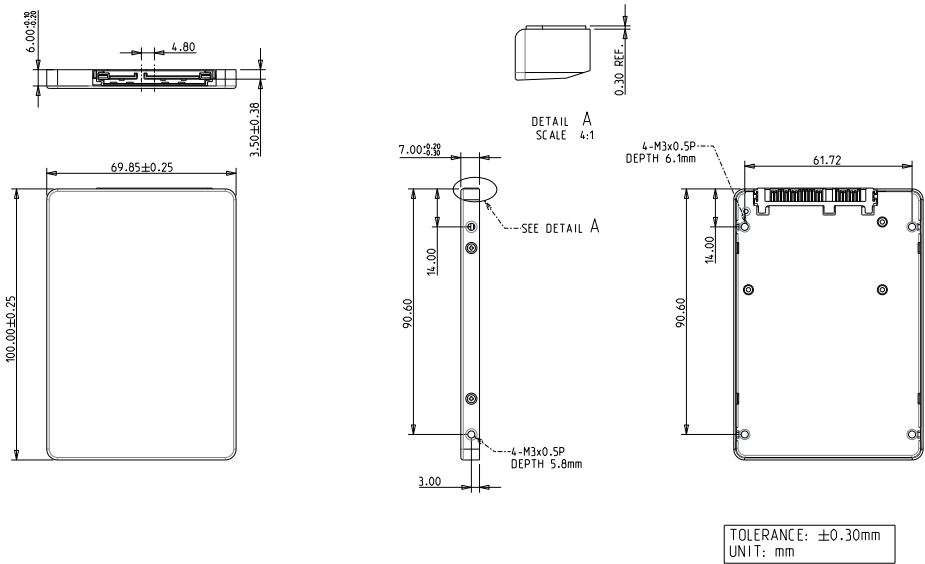
Model Name	2.5" SATA SSD 3TE7
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	2.5" SSD
Capacity	32GB ~ 2TB
Sequential R / W (MB/sec, max.)	560 / 500
P/E Cycle	3,000
TBW (Max.)	2,400
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	2.1W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	N
Dimension (W x L x H/mm)	69.8 x 100.0 x 6.8
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM

Full PCB



Slim inside



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
32GB	DES25-32GDK1EC3SF	DES25-32GDK1EW3SF
64GB	DES25-64GDK1%C*&F	DES25-64GDK1%W*&F
128GB	DES25-A28DK1%C*&F	DES25-A28DK1%W*&F
256GB	DES25-B56DK1%C*QF	DES25-B56DK1%W*QF
512GB	DES25-C12DK1%C*QF	DES25-C12DK1%W*QF
1TB	DES25-01TDK1%C*QF	DES25-01TDK1%W*QF
2TB	DES25-02TDK1KCCQF	DES25-02TDK1KWCQF

%: E : 64 layers 3D TLC / K : 112 layers 3D TLC
*: PCB version control
&. S : 1 channel / D : 2 channels / Q : 4 channels