



SATA Slim 3IE7

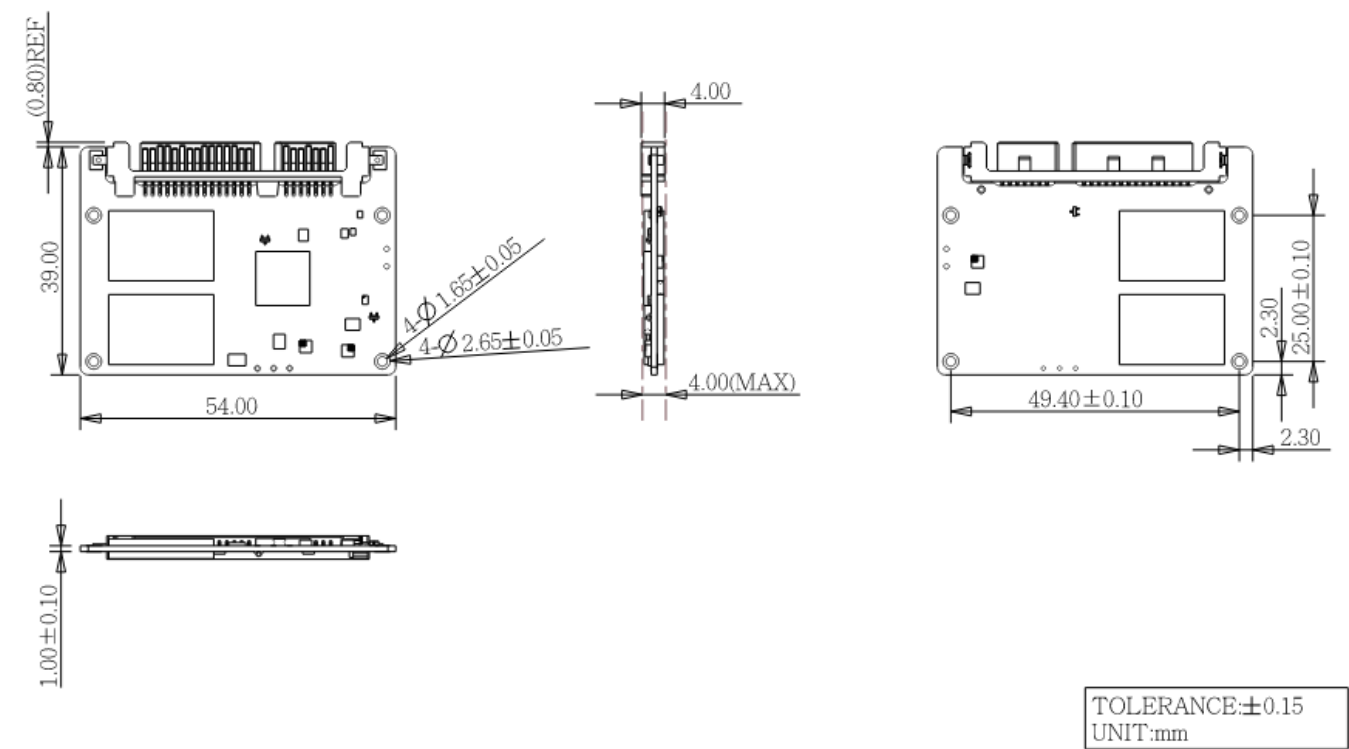
HIGHLIGHT FEATURES

- SATA Slim 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

SPECIFICATIONS

Model Name	SATA Slim 3IE7
Flash Type	iSLC (3D TLC)
Interface	SATA III 6.0 Gb/s
Form Factor	MO-297
Capacity	40GB ~ 640GB
Sequential R / W (MB/sec, max.)	550 / 500
P/E Cycle	30,000 / 100,000
TBW (Max.)	40,000
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	3.0W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	Optional
S.M.A.R.T.	Y
AES	Y
TCG Opal	N
Dimension (W x L x H/mm)	54.0 x 39.0 x 4.0
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
40GB	DHSLM-40GDK1%CADL	DHSLM-40GDK1%WADL
80GB	DHSLM-80GDK1%CA&L	DHSLM-80GDK1%WA&L
160GB	DHSLM-A60DK1%CAQL	DHSLM-A60DK1%WAQL
320GB	DHSLM-D2GDK1KCAQL	DHSLM-D2GDK1KWAQL
640GB	DHSLM-F4GDK1KCAQL	DHSLM-F4GDK1KWAQL

%: G: 96 layers 3D TLC / K: 112 layers 3D TLC
&. S: 1 channel; D: 2 channels; Q: 4 channels

