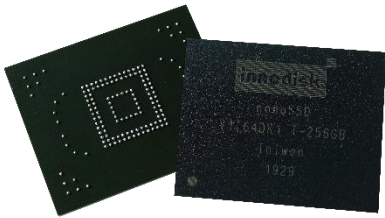


## nanoSSD 3TE7

### HIGHLIGHT FEATURES

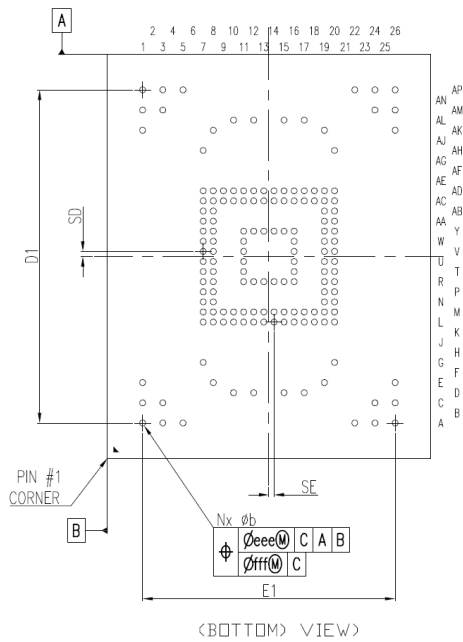
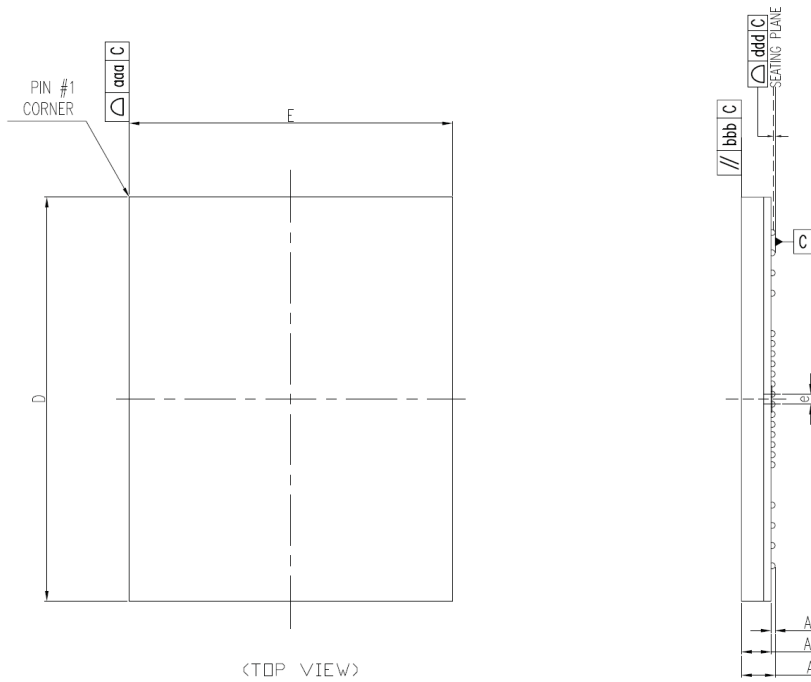


- Compliant with JEDEC MO-276 specification
- SATA III 6.0Gb/s
- Supports NCQ
- Intelligent Flash management and real-time garbage collection
- Supports S.M.A.R.T. and iSMART utility
- Zero mechanical interference

### SPECIFICATIONS

<b>Model Name</b>	nanoSSD 3TE7
<b>Flash Type</b>	3D TLC
<b>Interface</b>	SATA III 6.0 Gb/s
<b>Form Factor</b>	M.2 1620
<b>Capacity</b>	32GB ~ 256GB
<b>Sequential R / W (MB/sec, max.)</b>	560 / 260
<b>P/E Cycle</b>	3,000
<b>TBW (Max.)</b>	300
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Max. Power Consumption</b>	0.9W
<b>Max. Channels</b>	4
<b>External DRAM Buffer</b>	N
<b>H/W Write Protect</b>	N
<b>S.M.A.R.T.</b>	Y
<b>AES</b>	Y (Optional)
<b>TCG Opal</b>	N
<b>Dimension (W x L x H/mm)</b>	16.0 x 20.0 x 1.74
<b>Vibration</b>	20G@[7 ~ 2000Hz]
<b>Shock</b>	1500G@0.5ms
<b>MTBF</b>	>3 million hours
<b>Warranty</b>	3 Years

# DIAGRAM



SYMBOL	DIMENSION IN MM			DIMENSION IN INCH		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	1.60	1.67	1.74	0.063	0.066	0.069
A1	---	0.21	---	---	0.008	---
A2	---	1.46	---	---	0.057	---
b	0.25	0.30	0.35	0.010	0.012	0.014
D	19.90	20.00	20.10	0.783	0.787	0.791
E	15.90	16.00	16.10	0.626	0.630	0.634
e	0.50 BSC.		0.020 BSC.			
JEDEC	MO-276(REF.)/MM					
aaa	0.15					
bbb	0.20					
ddd	0.08					
eee	0.15					
fff	0.05					
N	SE (mm)	SD (mm)	E1 (mm)	D1 (mm)		
156	0.25 BSC.	0.25 BSC.	12.50 BSC.	16.50 BSC.		

## ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)
32GB	DENSD-32GDK1ECASL
64GB	DENSD-64GDK1ECADL
128GB	DENSD-A28DK1ECAQL
256GB	DENSD-B56DK1ECAQL

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