



2.5" SATA SSD 3IE7

HIGHLIGHT FEATURES

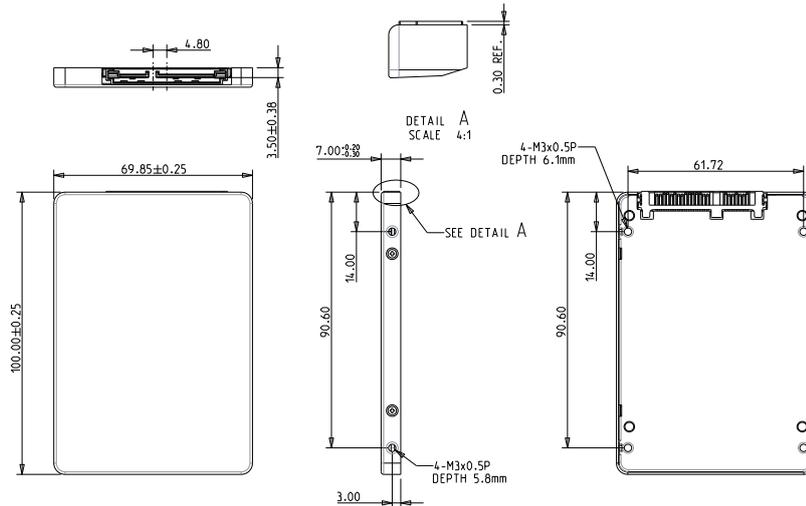
- Up to 100K P/E cycle, extending the lifespan by 33x
- Equipped with 112-layer 3D TLC NAND Flash
- Utilizes Ultra iSLC Technology
- Supports temperatures -40°C to 85°C
- 5-year warranty

SPECIFICATIONS

Model Name	2.5" SATA SSD 3IE7
Flash Type	iSLC (3D TLC)
Interface	SATA III 6.0 Gb/s
Form Factor	2.5" SSD
Capacity	20GB ~ 640GB
Sequential R / W (MB/sec, max.)	560 / 510
P/E Cycle	30,000 / 100,000
TBW (Max.)	40,000
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	2.2W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	Y (Optional)
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	5 Years

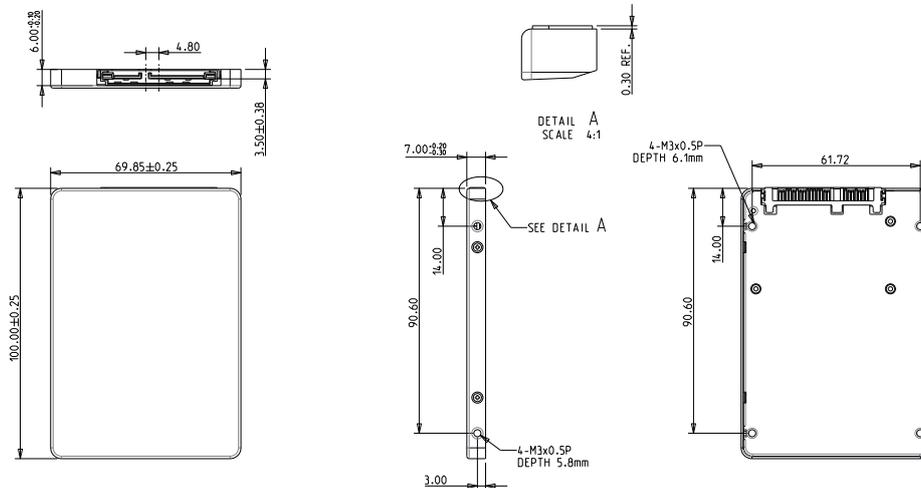
DIAGRAM

Full PCB



TOLERANCE: ±0.30mm
UNIT: mm

Slim inside



TOLERANCE: ±0.30mm
UNIT: mm

ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
20GB	DHS25-20GDK1EC3DF	DHS25-20GDK1EW3DF
40GB	DHS25-40GDK1%*&F	DHS25-40GDK1%W*&F
80GB	DHS25-80GDK1%*QF	DHS25-80GDK1%W*QF
160GB	DHS25-A60DK1%*QF	DHS25-A60DK1%W*QF
320GB	DHS25-D2GDK1%*QF	DHS25-D2GDK1%W*QF
640GB	DHS25-F4GDK1KCCQF	DHS25-F4GDK1KWQF

% : E : 64 layers 3D TLC / K : 112 layers 3D TLC

* : PCB version control

& : S : 1 channel / D : 2 channels / Q : 4 channels

HQ (Taiwan) T +886-2-7703-3000 / E sales@innodisk.com

CN T +86-755-2167-3689 / E sales_cn@innodisk.com

US T +1-510-770-9421 / E usasales@innodisk.com

EU T +31-40-3045-400 / E eusales@innodisk.com

JP T +81-3-6667-0161 / E jp_sales@innodisk.com

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