

Datasheet

# nanoSSD

## 3IE series

- Compliant with JEDEC MO-276 Specification
- SATA III 6Gbps
- Support NCQ
- Intelligent Flash management & real time garbage collection
- Supports S.M.A.R.T, and iSMART utility
- Zero mechanical interference



### Introduction

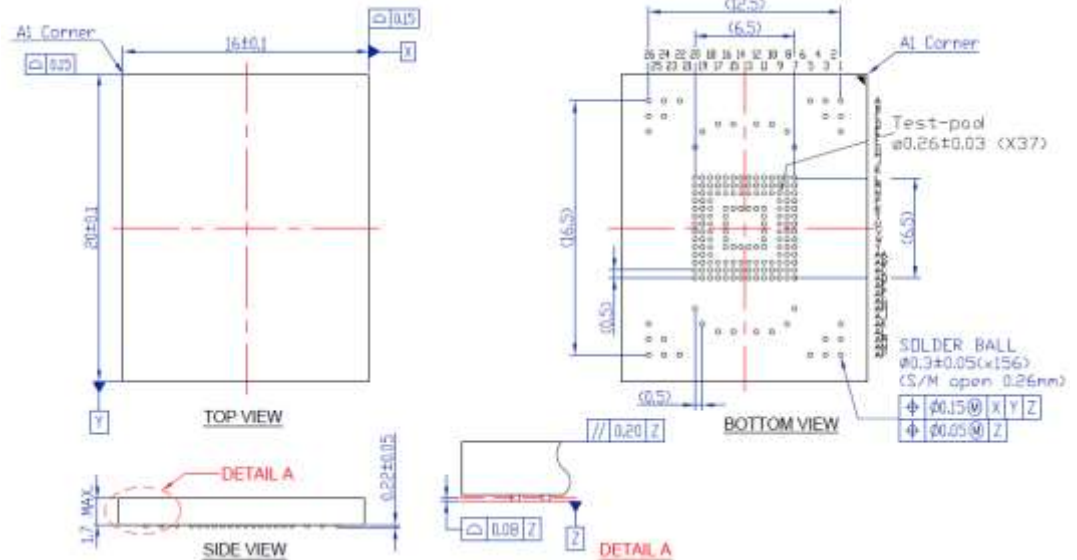
Innodisk nanoSSD is an integrated SATA storage device; it offers high performance, light weight, low power consumption and cost efficiency in a JEDEC MO-276( $\mu$ SSD) standard form factor. The nanoSSD combines with SATA III Flash controller, making it a great solution for embedded, thin PC, automotive, medical, gaming and most industrial applications.

# nanoSSD

## 3IE series Drawing

Contact us for more information about the nanoSSD 3IE

Innodisk is a service-driven provider of industrial embedded flash and DRAM storage products and technologies, with a focus on the industrial/embedded, aerospace and defense, and cloud computing industries.



## Specifications

Interface	SATA III 6Gb/s
Flash Type	ISLC
Capacity (GB)	8,16,32
Max. Channels	4
Sequential R/W (MB/sec, Max.)	480 / 250
Power rail	+3.3V, +1.8V, +1.2V $\pm 10\%$
Max. Power Consumption	1.5 W
ATA Security	Supported
S.M.A.R.T.	Supported
Bad block management	Supported
Wear leveling	Supported
Dimension (Max.)	16 X 20 X 1.7 mm
Environmental Specifications	Standard operation: 0°C ~ +70°C Storage temp: -55°C to +85°C
Environment	Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours
OS Support	Windows series, Linux

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## Ordering Information

Operation Temp.	8GB	16GB	32GB
Standard Grade (0°C ~ +70°C)	DHNSD- 08GD062CADY	DHNSD- 16GD062CAQY	DHNSD- 32GD062CAQY

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