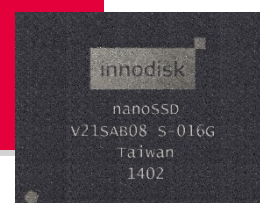


Datasheet

# nanoSSD

## 3SE 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.

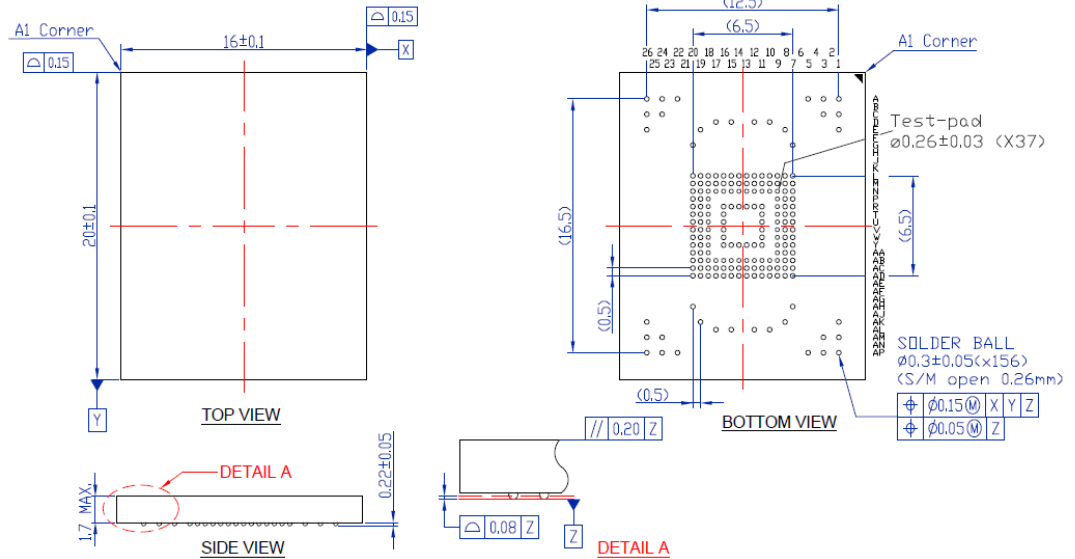
nanoSSD also comes with industrial level firmware design for extreme environments as well as the possibility for customized firmware to enhance the fitness in different applications.

# nanoSSD

## 3SE series Drawing

Contact us for more information about the nanoSSD 3SE

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	SLC
Capacity (GB)	2, 4, 8, 16
Max. Channels	4
Sequential R/W (MB/sec, Max.)	450 / 200
Power rail	+3.3V, +1.8V, +1.2V $\pm 10\%$
Max. Power Consumption	2.5 W
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (Max.)	16 X 20 X 1.7 mm
Environmental Specifications	Standard grade: $0^{\circ}\text{C} \sim +70^{\circ}\text{C}$ Industrial grade: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Environment	Storage Temperature: $-55^{\circ}\text{C} \sim +95^{\circ}\text{C}$ MTBF: 3 million hours
OS Support	Windows series, Linux

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20160104

## Ordering Information

Operation Temp.	2GB	4GB	8GB	16GB
Standard Grade ( $0^{\circ}\text{C} \sim +70^{\circ}\text{C}$ )	DENSD-02GD06SCASX	DENSD-04GD06SCADX	DENSD-08GD06SCAQX	DENSD-16GD06SCAQX
Industrial Grade ( $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ )	DENSD-02GD06SWASX	DENSD-04GD06SWADX	DENSD-08GD06SWAQX	DENSD-16GD06SWAQX

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