

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

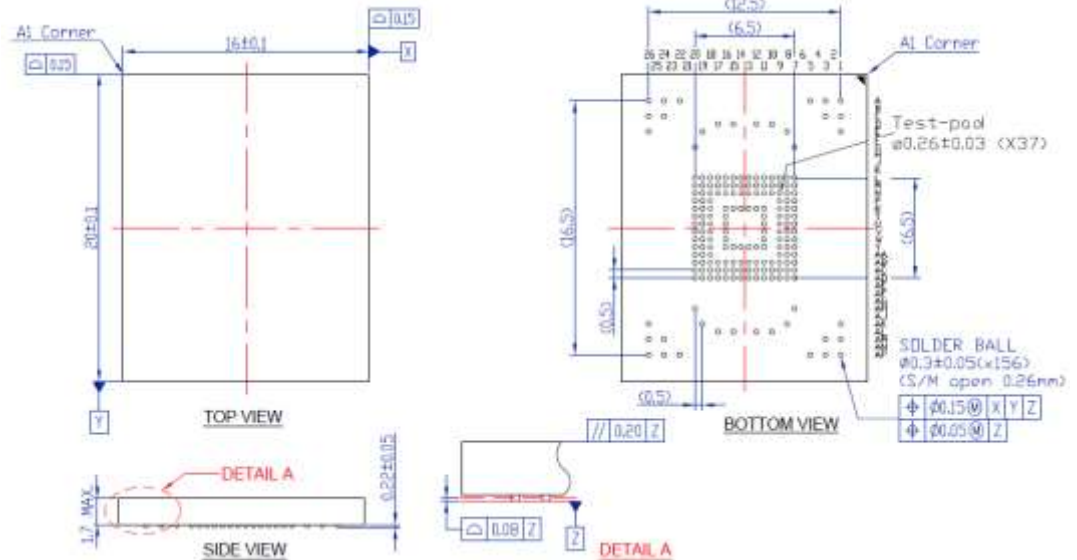
Innodisk nanoSSD is an integrated SATA storage device; it offers high performance, light weight, low power consumption and cost efficiency in a JEDEC MO-276(μ SSD) standard form factor. The nanoSSD combines with SATA III Flash controller, making it a great solution for embedded, thin PC, automotive,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

nanoSSD

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.)	410 / 110 (8GB)
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 grade: 0°C ~ +70°C Industrial grade: -40°C ~ +85°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.	2GB	4GB	8GB	16GB
Standard Grade (0°C ~ +70°C)	DENSD-02GD06SCASX	DENSD-04GD06SCADX	DENSD-08GD06SCAQX	DENSD-16GD06SCAQX
Industrial Grade (-40°C ~ +85°C)	DENSD-02GD06SWASX	DENSD-04GD06SWADX	DENSD-08GD06SWAQX	DENSD-16GD06SWAQX

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