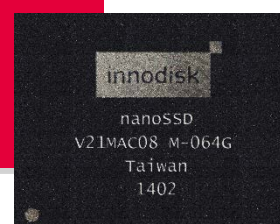


Datasheet

nanoSSD

3ME 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 a wide range embedded system, thin PC, automotive device, medical equipment 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.

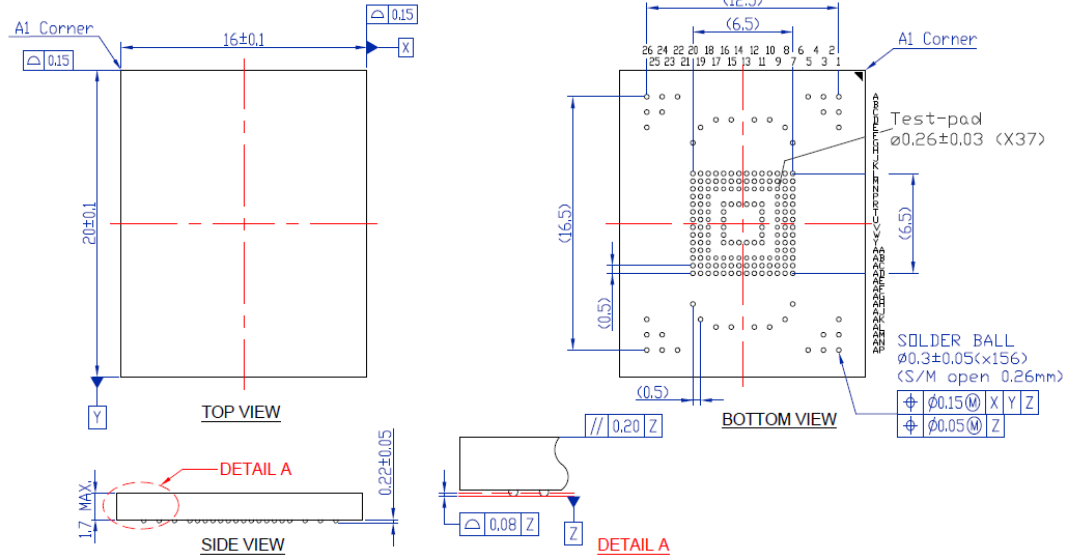
nanoSSD

3ME series

Drawing

Contact us for more information about the nanoSSD 3ME

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	MLC
Capacity (GB)	8,16,32, 64
Max. Channels	4
Sequential R/W (MB/sec, Max.)	480 / 160
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 operation: $0^{\circ}\text{C} \sim +70^{\circ}\text{C}$
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.	8GB	16GB	32GB	64GB
Standard Grade ($0^{\circ}\text{C} \sim +70^{\circ}\text{C}$)	DENSD-08GD06SCASY	DENSD-16GD06SCADY	DENSD-32GD06SCAQY	DENSD-64GD06SCAQY

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