

Datasheet

2.5" SATA SSD

3SE4 series

- 2.5" SATA III solution for industrial field
- 7mm height mechanical design
- DRAM-less, high-level data integrity
- L³ architecture extends lifespan
- Excellent IOPS boosts system performance
- Built-in thermal sensor
- Support S.M.A.R.T, TRIM, NCQ and iData Guard



Introduction

Innodisk 2.5" SATA SSD 3SE4 is characterized by L³ architecture with the latest SATA III (6.0GHz) Marvell NAND controller. Innodisk's exclusive L³ architecture is L² architecture multiplied LDPC (Low Density Parity Check). L² (Long Life) architecture is a 4K mapping algorithm that reduces WAF and features a real-time wear leveling algorithm to provide high performance and prolong lifespan with exceptional reliability.

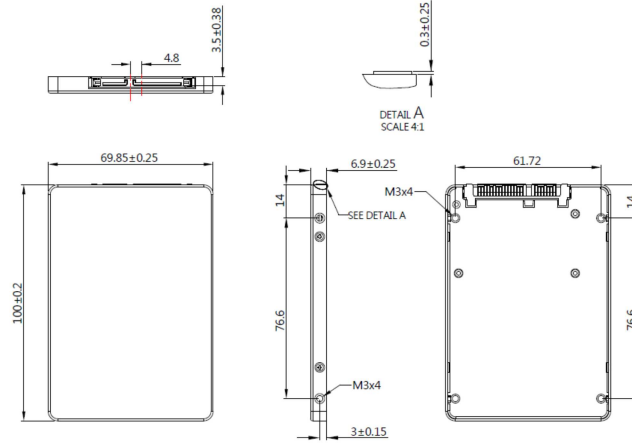
2.5" SATA SSD

3SE4 series

Drawing

Contact us for more information about the 2.5" SATA SSD 3SE4

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
Flash Type	SLC
Flash P/E Cycle Limit	60,000
Capacity	8GB~64GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	520/360
Max. Power Consumption	1.1 W (5V x 220 mA)
Thermal Sensor	Supported
External DRAM Buffer	-
H/W Write Protect	-
S/W Write Protect	Supported
Pin7 Power	-
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	69.85 X 100.10 X 6.9 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Headquarters (Taiwan)

5F., No.237, Sec. 1, Datong Rd.,
Xizhi Dist., New Taipei City,
Taiwan (R.O.C.)
Tel: +886-2-77033000
Email: sales@innodisk.com

Branch Offices:

USA
usasales@innodisk.com
+1-510-770-9421

Europe
eusales@innodisk.com
+31-40-3045-400

Japan
jpsales@innodisk.com
+81-3-6667-0161

China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

© 2017 Innodisk Corporation.
All right reserved. Specifications
are subject to change without
prior notice.

20170930

Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB
Standard Grade (0°C ~ +70°C)	DES25-08GM41SCADB	DES25-16GM41SCADB	DES25-32GM41SCADB	DES25-64GM41SCADB
Industrial Grade (-40°C ~ +85°C)	DES25-08GM41SWADB	DES25-16GM41SWADB	DES25-32GM41SWADB	DES25-64GM41SWADB