

Datasheet

2.5" SATA SSD

3IE2-P series

- 2.5" SATA III solution for industrial field
- 7mm height mechanical design
- iSMART disk health monitoring
- High IOPS to enhance boot up timing
- iData Guard Protection



Introduction

Innodisk 2.5" SATA SSD 3IE2-P is SATA III 6Gb/s Flash based disk with iSLC technology, which delivers excellent performance and reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. 3IE2-P 2.5" SSD not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

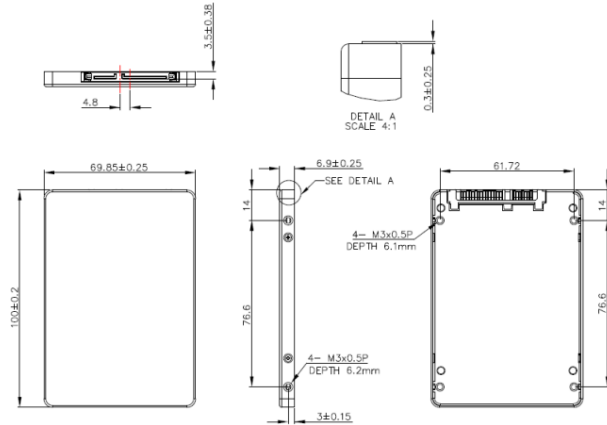
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Drawing

Contact us for more information about the 2.5" SATA SSD 3IE2-P

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	iSLC
Flash P/E Cycle Limit	20,000
Capacity	8GB-512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	530/450
Max. Power Consumption	2.29 W (5V x 457 mA)
Thermal Sensor	Supported
External DRAM Buffer	Supported
H/W Write Protect	Optional
iCell	Optional
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	69.85 X 100.10 X 7.0 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

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Ordering Information

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Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DHS25-08GD81BC3DC	DHS25-16GD81BC3DC DHS25-16GD81BC3QC	DHS25-32GD81BC3QC DHS25-32GD81BC1QC	DHS25-64GD81BC3QC DHS25-64GD81BC1QC	DHS25-A28D81BC3QC	DHS25-B56D81BC1QC	DHS25-C12D81BCAQC
Industrial Grade (-40°C ~ +85°C)	DHS25-08GD81BW3DC	DHS25-16GD81BW3DC DHS25-16GD81BW3QC	DHS25-32GD81BW3QC DHS25-32GD81BW1QC	DHS25-64GD81BW3QC DHS25-64GD81BW1QC	DHS25-A28D81BW3QC	DHS25-B56D81BW1QC	DHS25-C12D81BWAQC

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