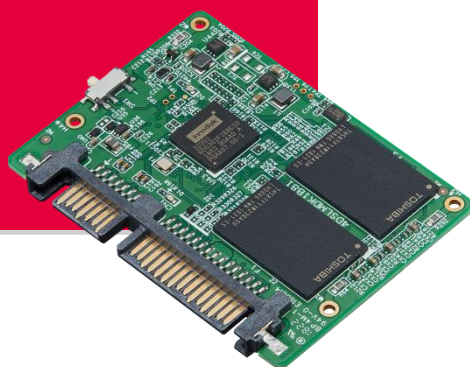


Datasheet

SATA Slim

3IE7 series

- SATA Slim SATA III solution for industrial field
- High IOPS
- iSMART disk health monitoring
- iPower Guard for protecting unstable start up and shut down.
- iData Guard for abnormal power failure



Introduction

Innodisk SATA Slim 3IE7 is SATA III 6.0 Gb/s flash based disk, which adopts latest SATA III NAND controller with Innodisk's exclusive L³ FW architecture. The upgraded L³ FW architecture, combining Innodisk signature 4K mapping algorithm L² FW architecture with powerful LDPC technology, makes 3IE7 series have outstanding high IOPS, better data integrity and extended lifespan through reducing the bad block number happening. Built-in thermal sensor, and iData Guard ensure data integrity and reliability of SATA Slim 3IE7 for industrial applications.

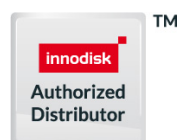
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Distributore Autorizzato per l'Italia:

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Via Solferino 12, 20900 Monza (MB) - Italy

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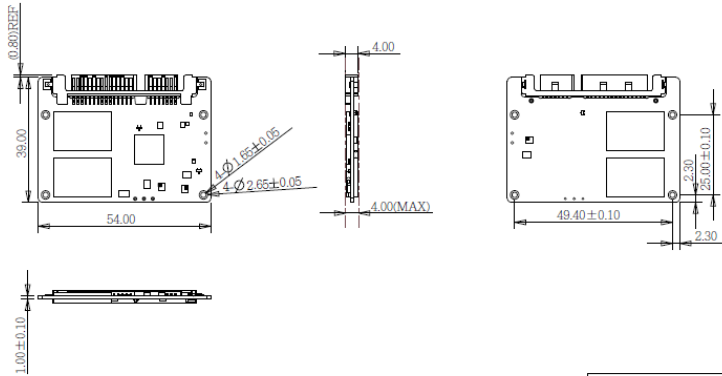
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SATA Slim 3IE7 series

Diagram

Contact us for more information about the SATA Slim 3IE7.

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	3D TLC
Capacity	40GB~160GB
Max. Channels	4
Sequential R/W (MB/sec, max.)*	540 / 490 MB/s
4KB Random (QD32) R/W (IOPS)**	73,000/59,000
Max. Power Consumption	2.95 W
Thermal Sensor	√
H/W Write Protect	Optional
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	54.0 X 39.0 X 4.0 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours
* Performance based on CrystalDiskMark 5.1.2 with file size 1000MB	

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Ordering Information (Please refer to TPS for detail)

Operation Temp.	40GB	80GB	160GB
Standard Grade (0°C ~ +70°C)	DHSLM-40GDK1GCAQL	DHSLM-80GDK1GCAQL	DHSLM-A60DK1GCAQL
Industrial Grade (-40°C ~ +85°C)	DHSLM-40GDK1GWAQL	DHSLM-40GDK1GWAQL	DHSLM-A60DK1GWAQL

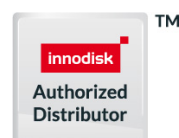
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