

Datasheet

2.5" SATA SSD

3IE6-P series

- 2.5" SATA III solution for industrial field
- iSMART disk health monitoring
- End to end data path protection
- iData Guard for abnormal power failure
- iCell technology for data protection
- iPower Guard for protecting unstable start up and shut down



Introduction

Innodisk 2.5" SATA SSD 3IE6-P is SATA III 6Gb/s solid state disk, which delivers excellent performance, especially in random data transfer rate, and which offers reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. 3IE6-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.

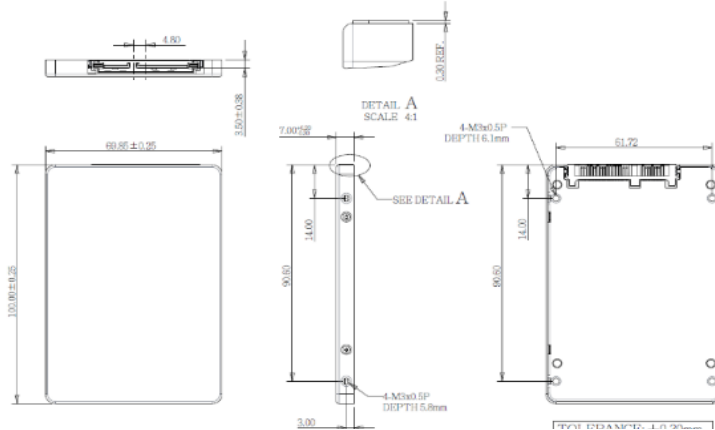
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Drawing

Contact us for more information about the 2.5" SATA SSD 3IE6-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.



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Interface	SATA III
Flash Type	iSLC (3D TLC)
Capacity	160GB ~ 1280GB
Max. Channels	4
Sequential R/W (MB/sec, max.)*	510 / 500 MB/s
4KB Random (QD32) R/W (IOPS)*	79,000 / 69,000
Max. Power Consumption	6.2 W
Thermal Sensor	✓
External DRAM Buffer	✓
AES encryption	✓
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	69.8 X 100.0 X 7.0 mm ³ (80GB ~ 1280GB)
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours
* Sequential performance based on CystalDiskMark 8.0.1 with file size 1000MB of Queue Depth 32	

Ordering Information (Please refer to TPS for detail)

Operation Temp.	160GB	320GB	640GB	1280GB
Standard Grade (0°C ~ +70°C)	DHS25-A60M71KCAQLP	DHS25-D2GM71KCAQLP	DHS25-F4GM71KCAQLP	DHS25-1T2M71KCAQLP
Industrial Grade (-40°C ~ +85°C)	DHS25-A60M71KWAQLP	DHS25-D2GM71KWAQLP	DHS25-F4GM71KWAQLP	DHS25-1T2M71KWAQLP