Datasheet

2.5" SATA SSD
3ME series

- 2.5" SATA III soultion for industrial field
- 7mm height mechinicial design
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Enhanced power cycling management

Introduction

InnoDisk 2.5" SATA SSD 3ME is SATA III 6Gb/s Flash based disk, which delivers excellent performance and reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. 3ME 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.
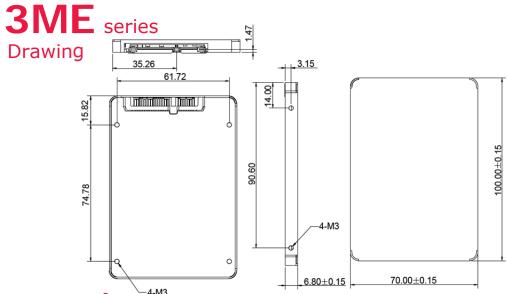
innodisk

2.5″ SATA SSD
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Drawing

Specifications

Interface	SATA III
Flash Type	MLC
Flash P/E Cycle Limit	3000
Capacity	8GB~256GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	460 / 240
Max. Power Consumption	2.1 W (5V x 428 mA)
Thermal Sensor	√
External DRAM Buffer	–
H/W Write Protect	–
Pin7 Power	–
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

Ordering Information

20130524

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB
Standard Grade (0°C ~ +70°C)	DES25-08GD06SC1DC	DES25-16GD06SC1DC	DES25-32GD06SC1QC	DES25-64GD06SC1QC	DES25-A28D06SC1QC	DES25-B56D06SC1QC
Industrial Grade (-40°C ~ +85°C)	DES25-08GD06SW1DC	DES25-16GD06SW1DC	DES25-32GD06SW1QC	DES25-64GD06SW1QC	DES25-A28D06SW1QC	DES25-B56D06SW1QC