

Datasheet

SATA Slim 2IE series

- iSLC technology
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Zero mechanical interference
- JEDEC MO-297 dimension



Introduction

InnoDisk SATA Slim 2IE adopts iSLC technology, which is designed to outdo the endurance, performance and reliability of MLC-based solutions. Through the use of flash management algorithms, iSLC improves SSD endurance up to 30,000 times, increasing lifespans up to 10 times longer than MLC-based solutions.

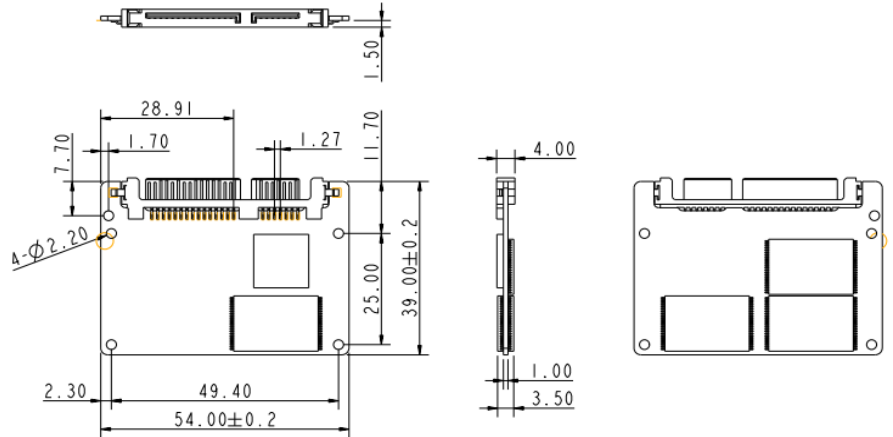
It comes with standard SATA interface (7+15 SATA connector), which could support most platforms with standard SATA port. Besides, with its smaller dimension, SATA Slim 2IE is an alternative solution of 2.5" SSD for those embedded systems that may have mechanical and space concerns.

SATA Slim 2IE series

Contact us for more information
about the SATA Slim 2IE

Innodisk is a service-driven provider of industrial embedded flash and DRAM storage products and technologies, with a focus on the cloud computing, industrial/embedded, and aerospace and defense industries.

Drawing



Specifications

Interface	SATA II
Flash Type	iSLC
P/E Cycle limit	30,000
Capacity	8GB~64GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	125 / 120
Max. Power Consumption	1.67 W (5V x 335 mA)
Thermal Sensor	√
H/W Write Protect	√
Pin7 Power	-
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	54.0 X 39.8 X 4.0 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Headquarters (Taiwan)

9F., No.100, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City, Taiwan (R.O.C.)
Tel: +886-2-26963000
Email: sales@innodisk.com

Branch Offices:

USA
usasales@innodisk.com
+1-510-770-9421
Europe
eusales@innodisk.com
+31-040-282-2382
Japan
jpsales@innodisk.com
+81-3-6661-9846
China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

© 2012 Innodisk Corporation.
All right reserved. Specifications are subject to change without prior notice.

20130110

Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB
Standard Grade (0°C ~ +70°C)	DHSLM-08GJ301C1QN	DHSLM-16GJ301C1QN	DHSLM-32GJ301C1QN	DHSLM-64GJ301C1QN

innodisk

www.innodisk.com