2.5" SATA SSD
2IE series

- iSLC technology
- Perfect replacement for traditional hard disk
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Enhanced power cycling management

Introduction

iSLC [2IE series], 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. In addition, iSLC improves the performance of solid state drives, with similar write performance of SLC-based solutions, and with data quality that is on par with SLC technologies. The InnoDisk iSLC series is cost efficient, boasting excellent benefits at only half the price of SLC-based solutions.

Backplane Systems Technology Pty Ltd
Tel: 02 9457 6400
sales@backplane.com.au
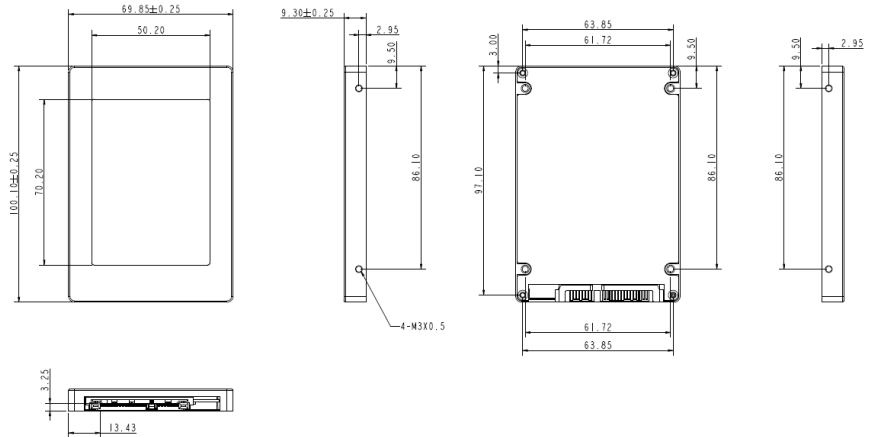**www.backplane.com.au**

innodisk

www.backplane.com.au

2.5" SATA SSD

2IE series

Drawing

Specifications

Interface	SATA II
Flash Type	iSLC
P/E cycle limit	30,000
Capacity	32GB~256GB
Max. Channels	8
Sequential R/W (MB/sec, max.)	230 / 230
Max. Power Consumption	2.1 W (5V x 428 mA)
Thermal Sensor	√
H/W Write Protect	√
Pin7 Power	–
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	69.85 X 100.10 X 9.30 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

20130110

Ordering Information

Operation Temp.	32GB	64GB	128GB	256GB
Standard Grade (0°C ~ +70°C)	DHS25-32GJ201C1EN	DHS25-64GJ201C1EN	DHS25-A28J201C1EN	DHS25-B56J201C1EN