

Datasheet

SATADOM-QVL

2IE series

- iSLC technology
- Smart Power Pin 7 VCC Design
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Write protection security
- Zero moving parts
- Highly Reliable Industrial Design



Introduction

Qualified by Intel, Innodisk's SATADOM-QVL 2IE is the world's smallest SATA SSD, featuring built-in Pin 7 VCC technology that enhances the functionality of various embedded applications. With its cable-less and rugged design, the QVL 2IE provides high reliability and allows for easy integration with other systems. The QVL 2IE is also lightweight and available in capacities from 8GB up to 64GB.

InnoDisk SATADOM-QVL 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.

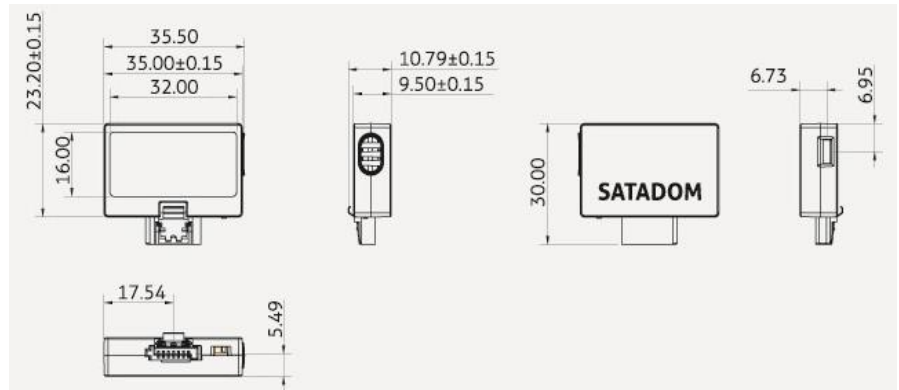
SATADOM-QVL

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Drawing

Contact us for more information about the SATADOM-QVL 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.



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	1.57 W (5V x 314 mA)
Thermal Sensor	√
H/W Write Protect	√
i-Socket	-
Pin7 Power	Optional
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	35.5 X 30.0 X 9.5 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

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Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB
Standard Grade (0°C ~ +70°C)	DHSML-08GJ301C1QNF	DHSML-16GJ301C1QNF	DHSML-32GJ301C1QNF	DHSML-64GJ301C1QNF