EverGreen SATA SLIM



FEATURES

- L2 Architecture enhanced, least 10 times lifespan prolonged
- S.M.A.R.T. & i-S.M.A.R.T. Supported
- Built-in hardware BCH ECC
- Bad block management
- Excellent data transfer performance

R: 220MB W: 150MB | **SATA II 3Gb/s** | **ECC & Wear leveling** | **Thermal Sensor** | **JEDEC MO-297**

Specifications

Connector Type	Standard 7+15 Pin SATA Connector
Flash Type	MLC (multi level cell)
Density	32GB, 64B, 128GB, 256GB
Interface	SATA II, SATA I, PIO 0~4, MDMA 0~2, UDMA 0~6
Sustained R/W Performance	Read：220 MB/sec (max.) Write：100 MB/sec (max.)

Environmental

DC Input	+5V DC ± 5%
Power consumption (Max.)	Read: 300mA Write: 450 mA Idle: 150mA
Operating Temperature	0^0C~+70^0C (Standard Grade) -40^0C~+85^0C (Industrial Grade)
Storage Temperature	-55^0C~+95^0C
Humidity	Relative Humidity: 10-95%, non-condensing
Flash Endurance	3,000 program/erase cycles
MTBF	> 3,000,000 hours
Certification	CE, FCC, RoHS
Warranty	3 years

Mechanicals

Dimension (W x L x H)	39.0mm x 54.0mm x 6.8mm
Weight	14g±1g
Vibration	7 Hz to 2K Hz, , 3 axes
Shock	Duration: 0.5ms, 1500G, 3 axes

Health monitoring Tool

S.M.A.R.T.	Supported
i-S.M.A.R.T.	Supported (Utility for Windows, Linux)

Ordering Information

Capacity	Standard Grade	Industrial Grade
32GB	D1SS-32GJ20AC1EN	D1SS-32GJ20AW1EN
64GB	D1SS-64GJ20AC1EN	D1SS-64GJ20AW1EN
128GB	D1SS-A28J20AC1EN	D1SS-A28J20AW1EN
256GB	D1SS-B56J20AC1EN	D1SS-B56J20AW1EN

DESIGN ◎ SERVICE ◎ QUALITY ◎ DELIVERY

Headquarter (Taiwan) : HTTP://WWW.INNODISK.COM E-MAIL:SALES@INNODISK.COM
TEL: +886-2-26963000 ADD: 9F., No.100, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City, Taiwan(R.O.C.)
USA Office: usasales@innodisk.com / Europe: eusales@innodisk.com / Japan: jpsales@innodisk.com / China: sales_cn@innodisk.com

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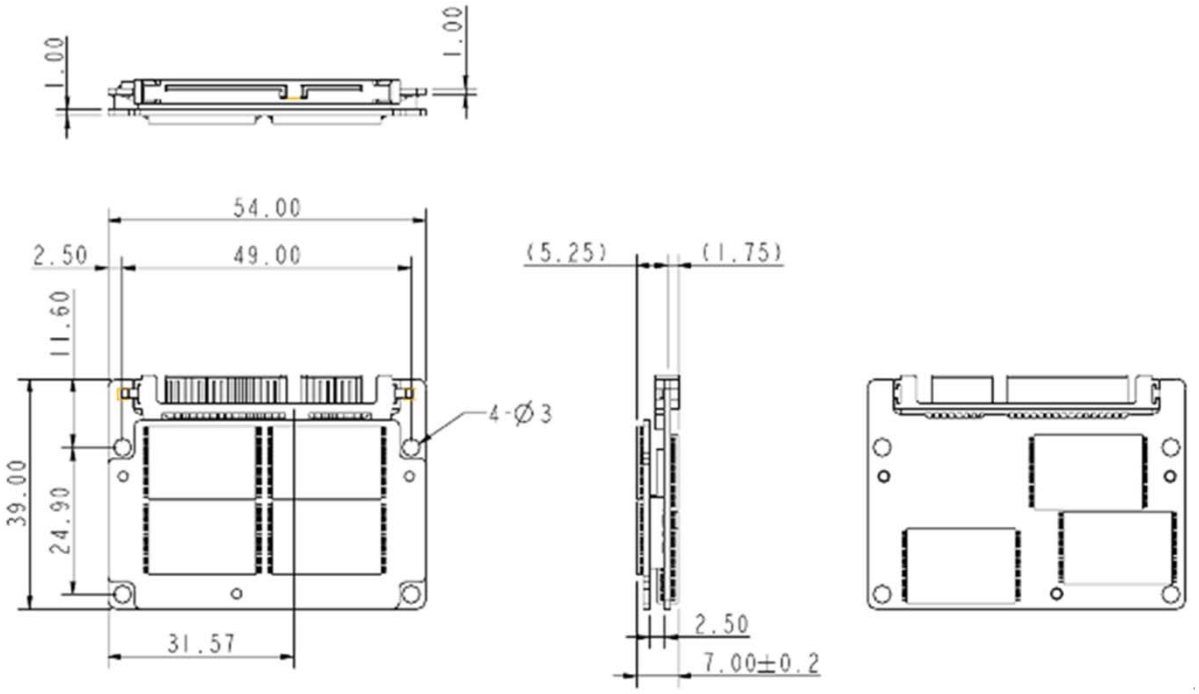
Mechanical diagram



Tolerance ± 0.1mm

*The pin assignment, component keep out area of InnoLite SATA Slim J200 is followed by JEDEC MO297 Specification.

DELIVERY ◎ QUALITY ◎ SERVICE ◎ DESIGN