InnoLite SATA Slim



Features

- JEDEC MO-297 form factor
- High Performance
- Built-in hardware BCH ECC
- Bad block management

R:125MB/s W:70MB/s | SATA II 3Gb/s | ECC & Wear leveling | Thermal sensor | S.M.A.R.T

Specifications

Connector Type	Standard 7+15 Pin SATA Connector
Flash Type	MLC (Multi Level Cell)
Density	8GB, 16GB, 32GB, 64GB and 128GB
Interface	SATA II, SATA I, PIO 0~4, MDMA 0~2, UDMA 0~6
Sustained R/W Performance	Read：125MB/sec (max.) Write：70 MB/sec (max.)

Environmental

DC Input	+5V DC ± 5%
Power consumption (Max.)	Read: 190mA Write: 230 mA Idle: 140 mA
Operating Temperature	00C~+700C (Standard Grade) -400C~+850C (Industry Grade)
Storage Temperature	-550C~+950C
Humidity	Relative Humidity: 10-95%, non-condensing
Endurance	3,000 program/erase cycles
MTBF	> 3,000,000 hours
Certification	CE, FCC, RoHS
Warranty	2 years

Mechanicals

Dimension (W x L x H)	39.0mm x 54.0mm x 3.4mm
Weight	7g±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	Industry Grade
8GB	D1SS-08GJ30AC1DN	D1SS-08GJ30AW1DN
16GB	D1SS-16GJ30AC1QN	D1SS-16GJ30AW1QN
32GB	D1SS-32GJ30AC1QN	D1SS-32GJ30AW1QN
64GB	D1SS-64GJ30AC1QN	D1SS-64GJ30AW1QN
128GB	D1SS-A28J30AC1QN	D1SS-A28J30AW1QN

DESIGN ◎ SERVICE ◎ QUALITY ◎ DELIVERY

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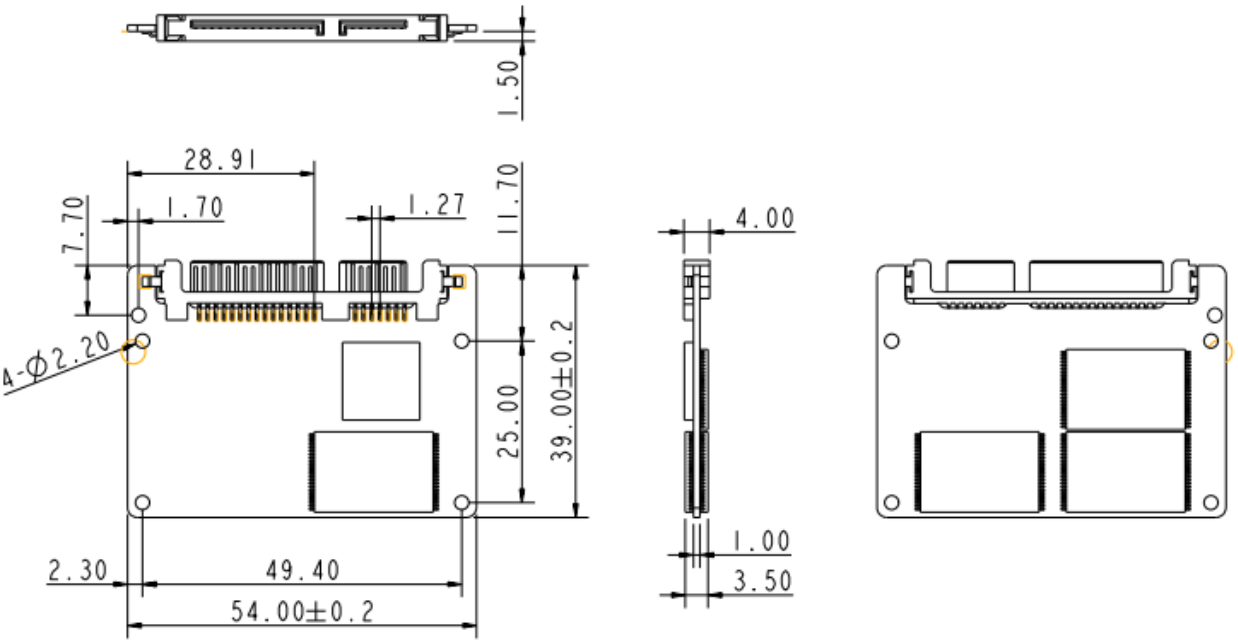
Mechanical Dimension



InnoLite SATA Slim D150Q mechanical dimensions
(＊Tolerance is ±0.1mm)

**The drawing dimension is only reference purpose; the reality mechanical size might have slightly different cause by processing tolerance.

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