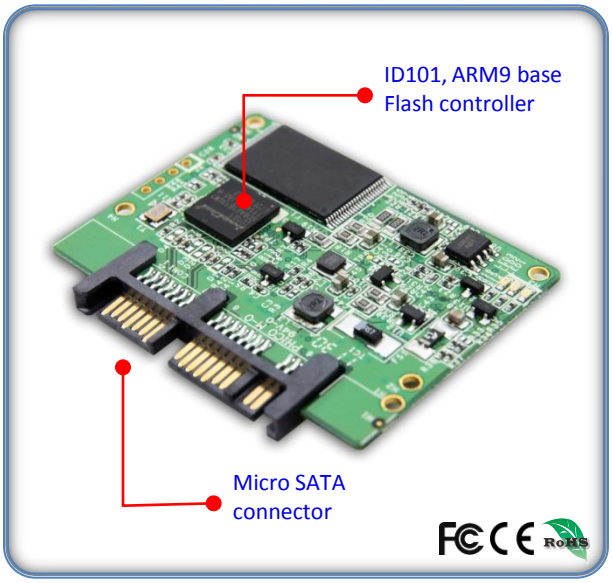
SATA SLIM-M



FEATURES

- High Performance
- 100% compatible with 1.8” SSD connector
- S.M.A.R.T. & i-S.M.A.R.T. Supported
- Budget friendly.
- Long Life : Warranty 2 years

R: 110MB
W: 40MB

S.M.A.R.T

Cost Efficiency

Wear Leveling

Specifications

Connector Type	7+9 Pin Micro SATA Connector
Flash Type	MLC (Multi Level Cell)
Capacity	8GB, 16GB,32GB and 64GB
Interface	SATA II, SATA I, PIO 0~4, MDMA 0~2, UDMA 0~6
Sustained R/W Performance	Read：110MB/sec (max.) Write：40 MB/sec (max.)

Environmental

DC Input	+5V DC ± 5%
Power consumption (Max.)	Read: 190mA Write: 230 mA Idle: 140 mA
Operating Temperature	0°C~+70°C (Standard Grade) -40~+85°C (Industry Grade)
Storage Temperature	-55°C~+95°C
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)	54mm x 39mm x 4mm
Weight	15g±2g
Vibration	7 Hz to 2K Hz, , 3 axes
Shock	Duration: 20G/0.5ms, , 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	D1SM-08GJ30AC1DN	D1SM-08GJ30AW1DN
16GB	D1SM-16GJ30AC1QN	D1SM-16GJ30AW1QN
32GB	D1SM-32GJ30AC1QN	D1SM-32GJ30AW1QN
64GB	D1SM-64GJ30AC1QN	D1SM-64GJ30AW1QN

DESIGN ◎ SERVICE ◎ QUALITY ◎ DELIVERY

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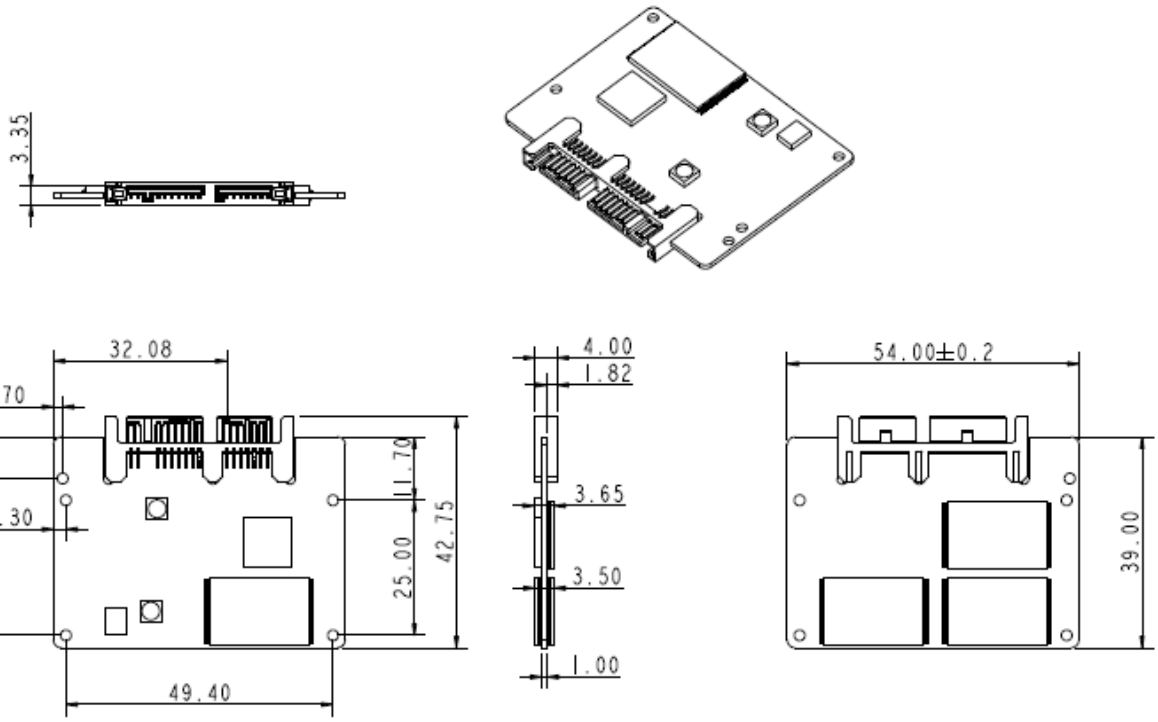
Mechanical Dimension



SATA Slim-M dimension diagram
Tolerance: 0.1mm

DESIGN ◎ SERVICE ◎ QUALITY ◎ DELIVERY