

INNOROBUST II 1.8" SATA SSD



FEATURES

- Compliant with MIL-STD-810-F/G
- Data Security
(QEraser/ SEraser/ Destroy/ Write Protect)
- Excellent data transfer rate
- Conformal coating (Optional)

R: 170MB
W: 140MB

Data
Security

MIL-STD-
810F/G

Conformal
Coating

Thermal
Sensor

S.M.A.R.T

Specifications

Connector Type	Standard 7+9 pin Micro SATA
Flash Type	SLC (Single Level Cell) MLC (Multi Level Cell)
Density	SLC: 8GB, 16GB, 32GB, 64GB, 128GB MLC: 32GB, 64GB, 128GB, 256GB
Interface	SATA II 3.0Gb
Sustained R/W Performance	SLC Read : 170 MB/sec (max.) Write : 140 MB/sec (max.) MLC Read : 200 MB/sec (max.) Write : 120 MB/sec (max.)

Environmental

DC Input	+5V DC $\pm$ 5%	
Power consumption (Max.)	SLC Read: 350mA Write: 450mA Idle: 220mA	MLC Read: 350mA Write: 500mA Idle: 220mA
Operating Temperature	0°C~+70°C (Standard Grade) -20°C~+85°C (Extended Grade)	
Storage Temperature	-55°C~+95°C	
Humidity	Relative Humidity: 10-95%, non-condensing	
MTBF	> 3,000,000 hours	
Certification	CE, FCC, RoHS	
Warranty	SLC: 5 years, MLC: 2 years	

Mechanicals

Dimension (L x W x H)	78.50x54.00xx5.00mm
Weight	45g $\pm$ 5g
Vibration	20G, 7 Hz to 2K Hz, 3 axes
Shock	1500G, Duration: 0.5ms, 3 axes

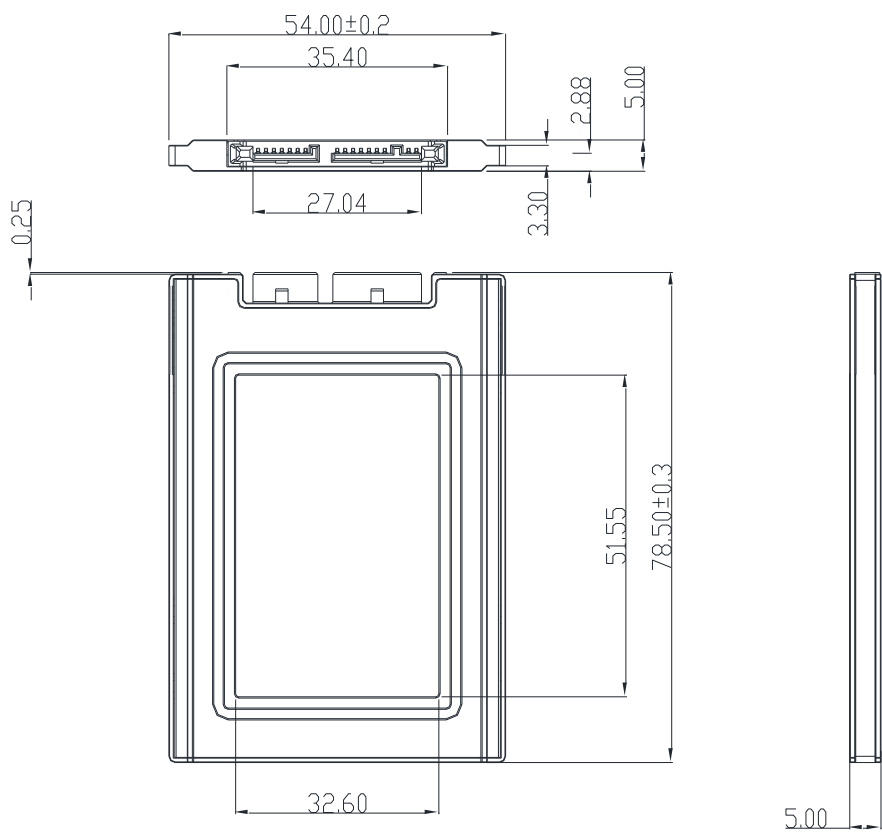
Health Monitoring Tool

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

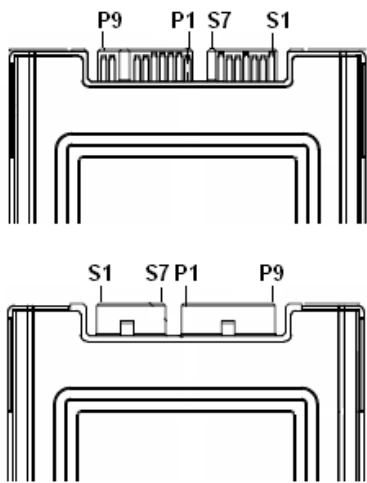
Ordering Information

SLC		
Capacity	Standard Grade	Industrial Grade
8GB	D1SN-08GJ21A C 2EB	D1SN-08GJ21A W 2EB
16GB	D1SN-16GJ21A C 2EB	D1SN-16GJ21A W 2EB
32GB	D1SN-32GJ21A C 2EB	D1SN-32GJ21A W 2EB
64GB	D1SN-64GJ21A C 2EB	D1SN-64GJ21A W 2EB
128GB	D1SN-A28J21A C 2EB	D1SN-A28J21A W 2EB
MLC		
Capacity	Standard Grade	Extended Grade
32GB	D1SN-32GJ21A C 1EN	D1SN-32GJ21A E 1EN
64GB	D1SN-64GJ21A C 1EN	D1SN-64GJ21A E 1EN
128GB	D1SN-A28J21A C 1EN	D1SN-A28J21A E 1EN
256GB	D1SN-B56J21A C 1EN	D1SN-B56J21A E 1EN

Mechanical Dimension



Signal Segment and Power Segment



DESIGN • SERVICE • QUALITY • DELIVERY