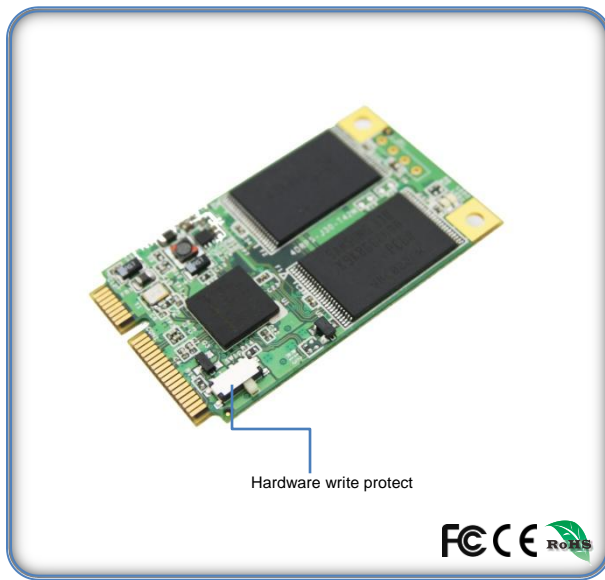


mSATA D150Q



Hardware write protect

FCC CE RoHS

Features

- Support static wear leveling algorithm
- S.M.A.R.T. & i-S.M.A.R.T. Supported
- Intelligent system for error recovery
- Excellent data transfer speed
- Compliant with JEDEC MO-300
- SATA-IO mini SATA

R:130MB/s
W:120MB/s

SATA II
3Gb/s

ECC &
Wear leveling

Thermal
sensor

S.M.A.R.T

Write
protect

Specifications

Connector Type	miniPCIe Pin Define for SATA Signal, 23:TX+; 25:TX-; 31:RX-; 33:RX+
Flash Type	SLC (Single Level Cell)
Density	2GB, 4GB, 8GB, 16GB, 32GB, 64GB
Transfer Mode	SATA II, SATA I, PIO 0~4, MDMA 0~2, UDMA 0~6
Sustained R/W Performance	Read : 130 MB/sec (max.) Write : 120 MB/sec (max.)

Environmental

DC Input	+3.3V DC \pm 5%
Power consumption (Max.)	Read: 180 mA Write: 200 mA Idle: 110 mA
Operating Temperature	0°C~+70°C (Standard Grade) -40°C~+85°C (Industrial Grade)
Storage Temperature	-55°C~+95°C
Humidity	Relative Humidity: 10-95%, non-condensing
Flash Endurance	100,000 program/erase cycles
MTBF	> 3,000,000 hours
Certification	CE, FCC, RoHS
Warranty	5 years

Mechanicals

Dimension (W x L x H)	29.85mm x 50.8mm x 3.5mm
Weight	8g \pm 2g
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
2GB	DRPS-02GJ30AC3DB	DRPS-02GJ30AW3DB
4GB	DRPS-04GJ30AC3QB	DRPS-04GJ30AW3QB
8GB	DRPS-08GJ30AC3QB	DRPS-08GJ30AW3QB
16GB	DRPS-16GJ30AC3QB	DRPS-16GJ30AW3QB
32GB	DRPS-32GJ30AC3QB	DRPS-32GJ30AW3QB
64GB	DRPS-64GJ30AC3QB	DRPS-64GJ30AW3QB



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