InnoLite mSATA mini D150Q



Features

- JEDEC MO-300 form factor
- S.M.A.R.T. & i-S.M.A.R.T. Supported
- Intelligent system for error recovery
- Built-in hardware BCH ECC
- Bad block management

R:65MB/s W:20MB/s | **SATA II 3Gb/s** | **ECC & Wear leveling** | **Thermal sensor** | **S.M.A.R.T**

Specifications

Connector Type	miniPCIe Pin Define for SATA Signal, 23:TX+; 25:TX-; 31:RX-; 33:RX+
Flash Type	MLC (Multi Level Cell)
Density	4GB, 8GB, 16GB, 32GB, 64GB
Interface	SATA II, SATA I, PIO 0~4, MDMA 0~2, UDMA 0~6
Sustained R/W Performance	Read：65 MB/sec (max.) Write：20 MB/sec (max.)

Environmental

DC Input	+3.3V DC ± 5%
Power consumption (Max.)	Read: 180 mA Write: 220 mA Idle: 110 mA
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
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)	29.85mm x 26.8mm x 3.7mm
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)

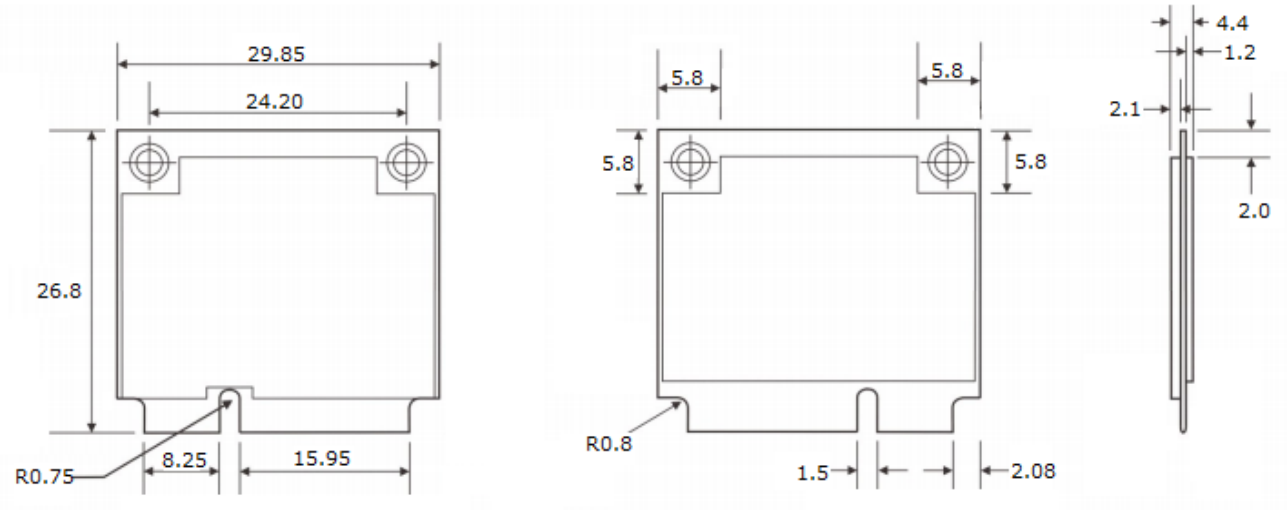
Ordering Information

Capacity	Standard Grade	Extended Grade
4GB	DHPS-04GJ30AC1SN	DHPS-04GJ30AE1SN
8GB	DHPS-08GJ30AC1DN	DHPS-08GJ30AE1DN
16GB	DHPS-16GJ30AC1DN	DHPS-16GJ30AE1DN
32GB	DHPS-32GJ30AC1DN	DHPS-32GJ30AE1DN
64GB	DHPS-64GJ30AC1DN	DHPS-64GJ30AE1DN

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

Mechanical Dimension



InnoLite mSATA mini 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.

DESIGN ◎ SERVICE ◎ QUALITY ◎ DELIVERY