

INNOLITE EDC VERTICAL



FEATURES

- Support static wear leveling algorithm
- S.M.A.R.T. & i-S.M.A.R.T. Supported
- Intelligent system for error recovery
- High reliability & compatibility
- Cost efficiency
- Enhanced power cycling

R: 40MB
W: 15MB

S.M.A.R.T

Power
cycling
enhance

Cost
efficiency

Wear
Leveling

High
Reliability

Specifications

Connector Type	2.00 mm Pin Pitch (2x22) 2.54 mm Pin Pitch (2x20)
Flash Type	MLC (Multi Level Cell)
Density	4GB~32GB
Transfer Mode	PIO 0~4, MDMA 0~4, UDMA 0~4
Sustained R/W Performance	Read : 40MB/sec (max.) Write : 15MB/sec (max.)

Environmental

DC Input	+3.3V/+5V DC \pm 5%
Power consumption (Max.)	Read: 125 mA Write: 120 mA Idle: 1.3 mA
Operating Temperature	0°C~+70°C (Standard Grade) -40~+85°C (Industrial Grade)
Storage Temperature	-55°C~+95°C
Humidity	Relative Humidity: 10-95%, non-condensing
Flash 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)	40 pin: 60.2 x 27.3 x 6.4 mm 44 pin: 50.3 x 27.3 x 5.8 mm
Weight	9g \pm 1g
Vibration	7 Hz to 2K Hz, 20G, 3 axes
Shock	Duration: 0.5ms, 1500G, 3 axes

Health monitoring Tool

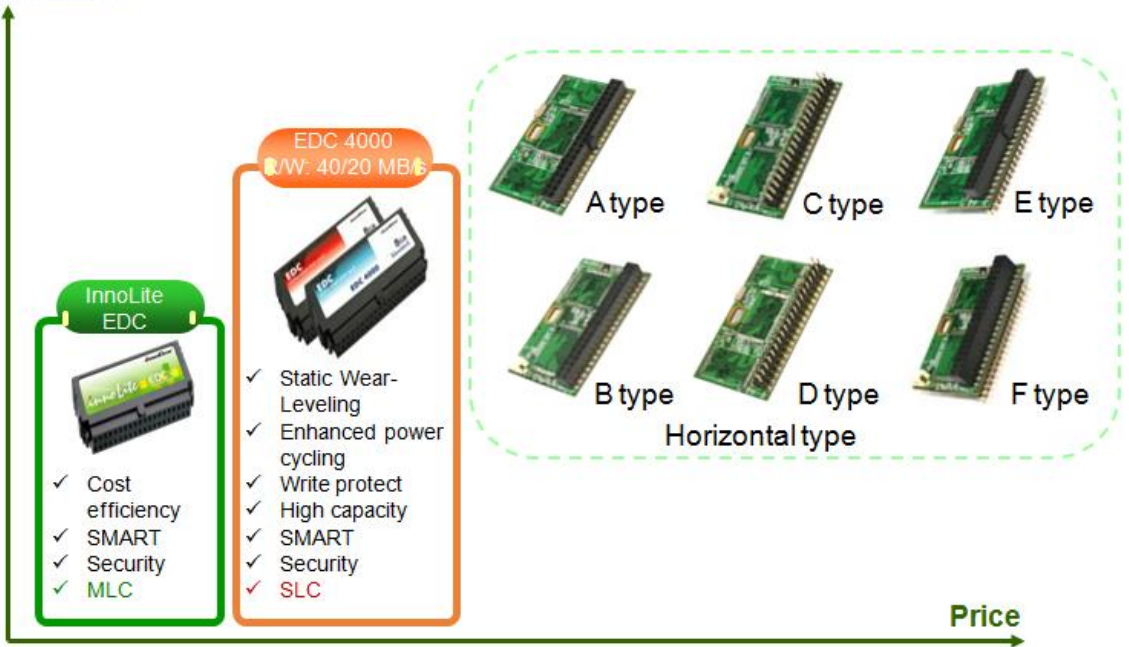
S.M.A.R.T.	Supported
i-S.M.A.R.T.	Supported (Utility for Windows, Linux)

Ordering Information

Capacity	Standard Grade	Industry Grade
4GB	DE0H-04GD51AC1SN	DE0H-04GD51AW1SN
	DE4H-04GD51AC1SN	DE4H-04GD51AW1SN
8GB	DE0H-08GD51AC1DN	DE0H-08GD51AW1DN
	DE4H-08GD51AC1DN	DE4H-08GD51AW1DN
16GB	DE0H-16GD51AC1DN	DE0H-16GD51AW1DN
	DE4H-16GD51AC1DN	DE4H-16GD51AW1DN
32GB	DE0H-16GD51AC1DN	DE0H-16GD51AW1DN
	DE4H-16GD51AC1DN	DE4H-16GD51AW1DN

EDC Series (Industrial Embedded Disk Card)

Performance



11:20

Power Cycling Management

InnoDisk's Power Cycling Management in the case of sudden power outage to an SSD. The majority of data protection takes place before power is cycled after an abnormal power failure. Any residual data corruption after system power-on is handled by data sorting algorithms to ensure data integrity in Flash storage.

