

EDC 4000 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
- Mechanical design for anti-vibration
- Enhanced power cycling

R:40MB/s
W:28MB/s

PIO 0~4
Support

MDMA
UDMA

Wear
Leveling

S.M.A.R.T

Write
Protect

Specifications

Connector Type	2.00 mm Pin Pitch (2x22) 2.54 mm Pin Pitch (2x20)
Flash Type	SLC (Single Level Cell)
Density	128MB~4GB
Transfer Mode	PIO 0~4, MDMA 0~4, UDMA 0~4
Sustained R/W Performance	Read : 40MB/sec (max.) Write : 28MB/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°C~+85°C (Industrial Grade)
Storage Temperature	-55°C~+95°C
Humidity	Relative Humidity: 10-95%, non-condensing
MTBF	> 3,000,000 hours
Certification	CE, FCC, RoHS
Warranty	5 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, 5G, 3 axes
Shock	Duration: 10ms, 50G, 3 axes

Health monitoring Tool

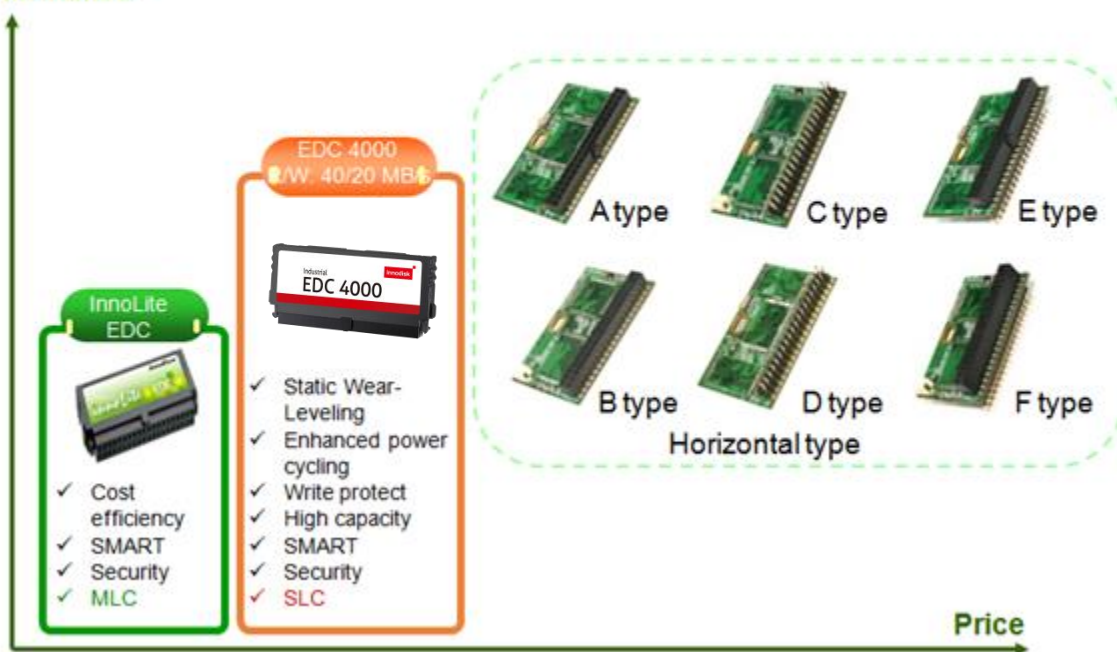
S.M.A.R.T.	Supported
i-S.M.A.R.T.	Supported (Utility for Windows, Linux)

Ordering Information

Capacity	Standard Grade	Industry Grade
128MB	DE0H-128D31C1SB	DE0H-128D31W1SB
	DE4H-128D31C1SB	DE4H-128D31W1SB
256MB	DE0H-256D31C1SB	DE0H-256D31W1SB
	DE4H-256D31C1SB	DE4H-256D31W1SB
512MB	DE0H-512D31C1SB	DE0H-512D31W1SB
	DE4H-512D31C1SB	DE4H-512D31W1SB
1GB	DE0H-01GD31C1DB	DE0H-01GD31W1DB
	DE4H-01GD31C1DB	DE4H-01GD31W1DB
2GB	DE0H-02GD31C1DB	DE0H-02GD31W1DB
	DE4H-02GD31C1DB	DE4H-02GD31W1DB
4GB	DE0H-04GD31C1DB	DE0H-04GD31W1DB
	DE4H-04GD31C1DB	DE4H-04GD31W1DB

EDC Series (Industrial Embedded Disk Card)

Performance



Wear Leveling

