EDC 4000 PLUS 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:45MB/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~16GB
Transfer Mode	PIO 0~4, MDMA 0~2, UDMA 0~4
Sustained R/W Performance	Read：45MB/sec (max.) Write：28MB/sec (max.)

Environmental

DC Input	+3.3V/+5V DC ± 5%
Power consumption (Max.)	Read: 125 mA Write: 120 mA Idle: 1.3 mA
Operating Temperature	00C~+700C (Standard Grade) -40~+850C (Industrial Grade)
Storage Temperature	-550C~+950C
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)	40 pin: 60.2 x 27.3 x 6.4 mm 44 pin: 50.3 x 27.3 x 5.8 mm
Weight	9g±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
128MB	DE0H-128D51C1SR DE4H-128D51C1SR	DE0H-128D51W1SR DE4H-128D51W1SR
256MB	DE0H-256D51C1SR DE4H-256D51C1SR	DE0H-256D51W1SR DE4H-256D51W1SR
512MB	DE0H-512D51C1SR DE4H-512D51C1SR	DE0H-512D51W1SR DE4H-512D51W1SR
1GB	DE0H-01GD51C1DR DE4H-01GD51C1DR	DE0H-01GD51W1DR DE4H-01GD51W1DR
2GB	DE0H-02GD51C1DR DE4H-02GD51C1DR	DE0H-02GD51W1DR DE4H-02GD51W1DR
4GB	DE0H-04GD51C1DR DE4H-04GD51C1DR	DE0H-04GD51W1DR DE4H-04GD51W1DR
8GB	DE0H-08GD51C1DR DE4H-08GD51C1DR	DE0H-08GD51W1DR DE4H-08GD51W1DR
16GB	DE0H-16GD51C1DT DE4H-16GD51C1DT	DE0H-16GD51W1DT DE4H-16GD51W1DT

DESIGN ◎ SERVICE ◎ QUALITY ◎ DELIVERY

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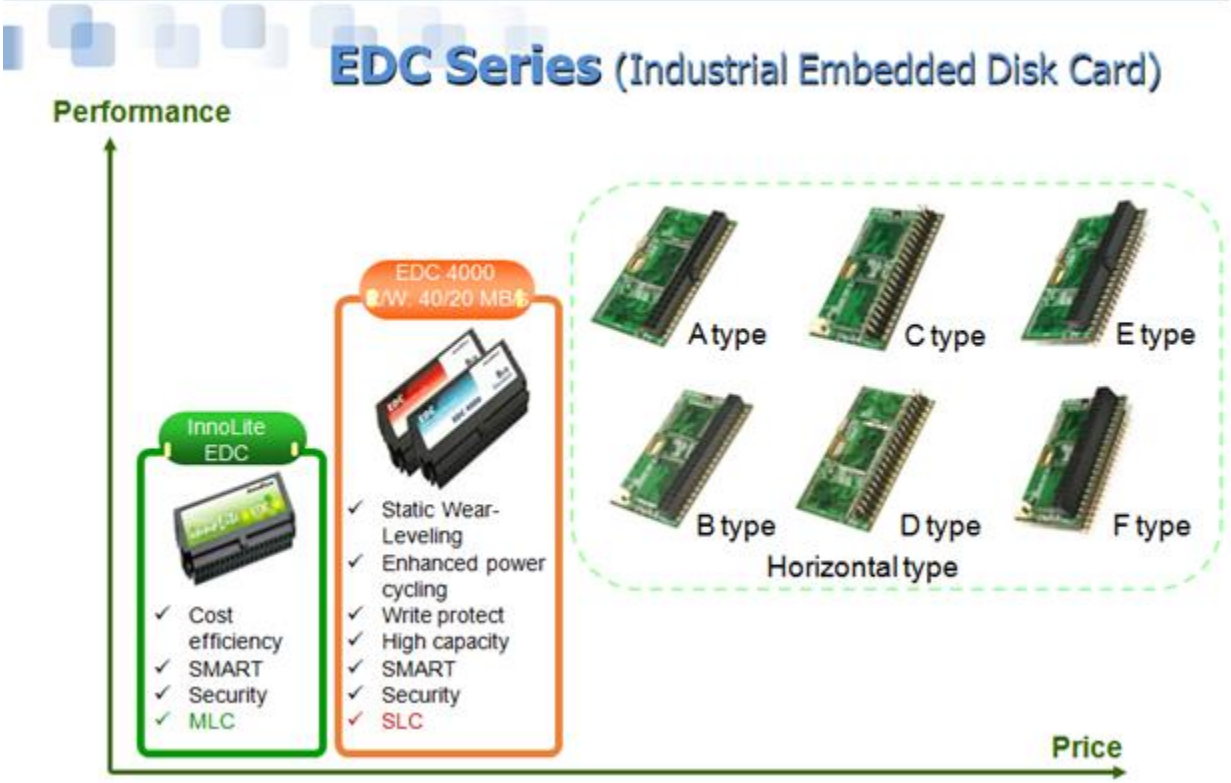
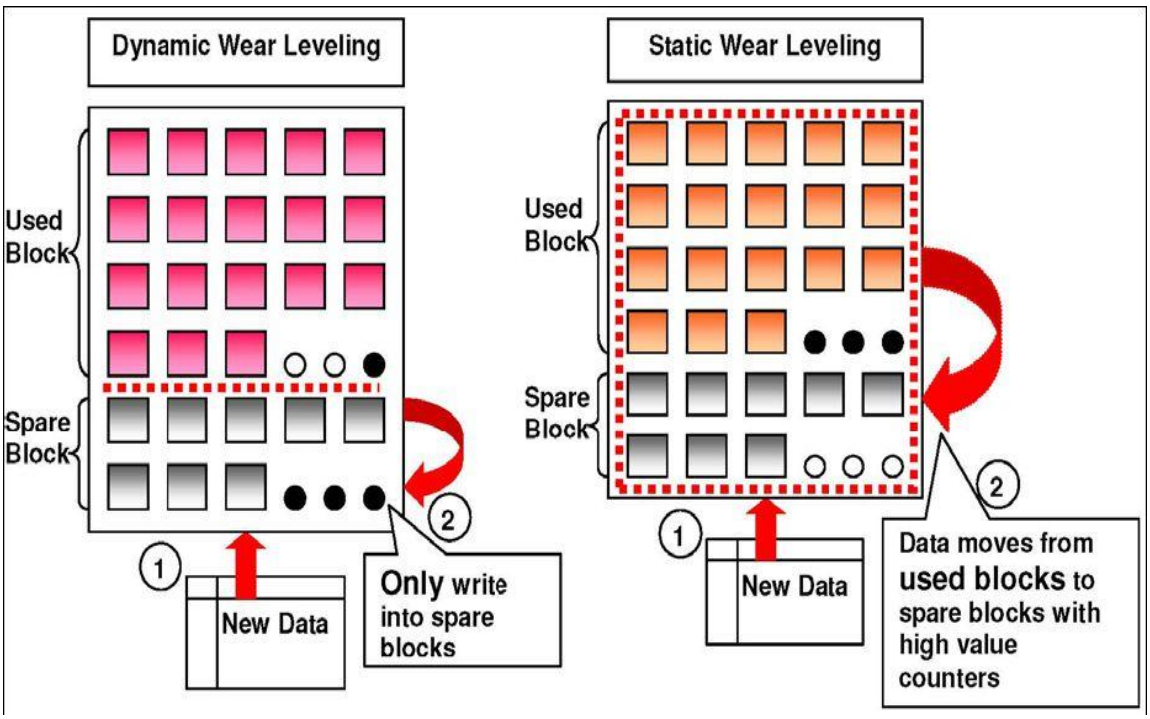


Wear Leveling



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