

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* |

*Write Protect function is optional

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 ± 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 |

2017/4/19

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, 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 |

Distributore Autorizzato per l'Italia:

Contradata Milano S.r.l.

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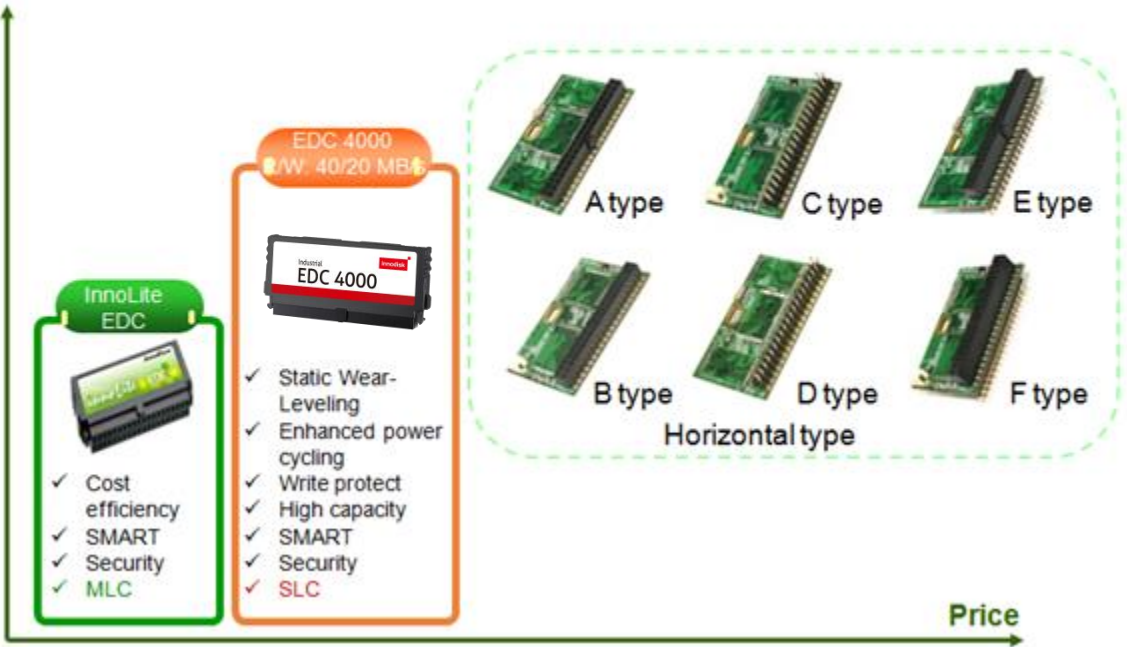
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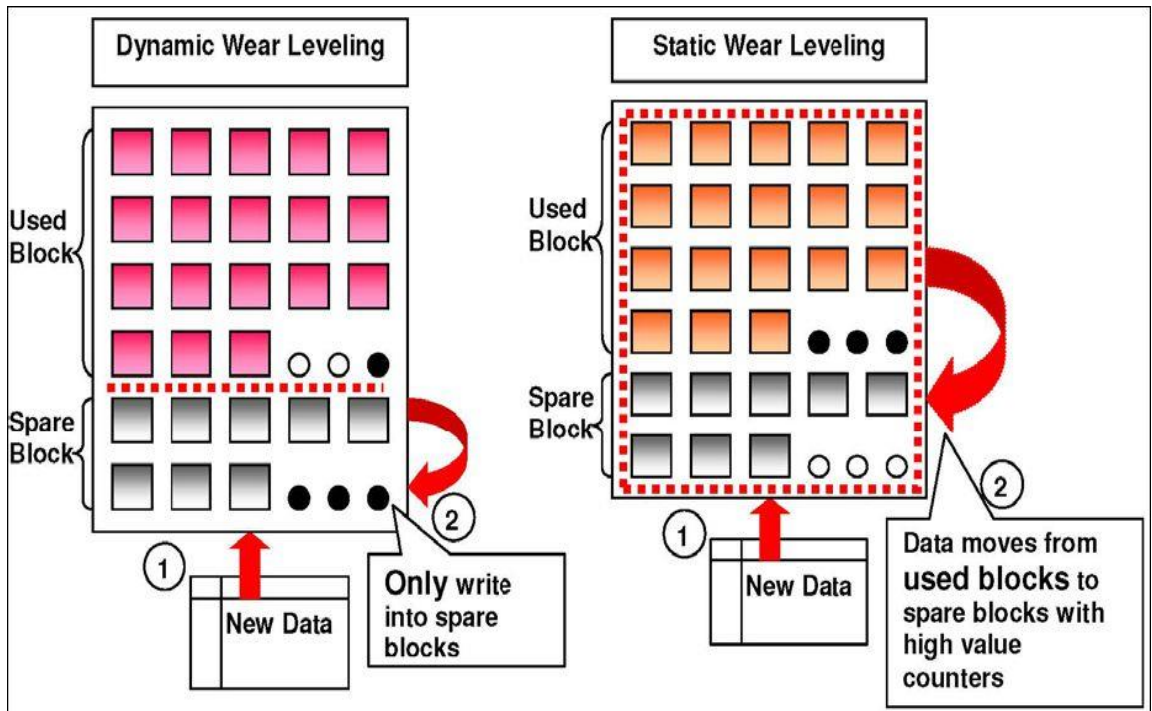
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EDC Series (Industrial Embedded Disk Card)

Performance ↑



Wear Leveling



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