

# ICF 4000 PLUS



## FEATURES

- Excellent data transfer speed
- S.M.A.R.T. & i-S.M.A.R.T. Supported
- Intelligent system for error recovery
- Mechanical design for anti-vibration
- Enhanced power cycling

R:45MB/s W:30MB/s	PIO 0~4 Support	MDMA UDMA
Wear Leveling	S.M.A.R.T	Write Protect

## Specifications

Connector Type	CF 50pin
Flash Type	SLC (Single Level Cell)
Density	128MB-32GB
Transfer Mode	PIO 0-4 MDMA 0-4 UDMA 0-4
Sustained R/W Performance	Read : 45 MB/sec (max.) Write : 30 MB/sec (max.)

## Environmental

DC Input	+3.3V DC ± 5%
Power consumption (Max.)	Read: 86 mA Write: 140 mA Idle: 1 mA
Operating Temperature	0°C~+70°C (Standard Grade) -40°C~+85°C (Industry Grade)
Storage Temperature	-55°C~+95°C
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)	42.8 mm x 36.4 mm x 3.6 mm
Weight	9g±5g
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)

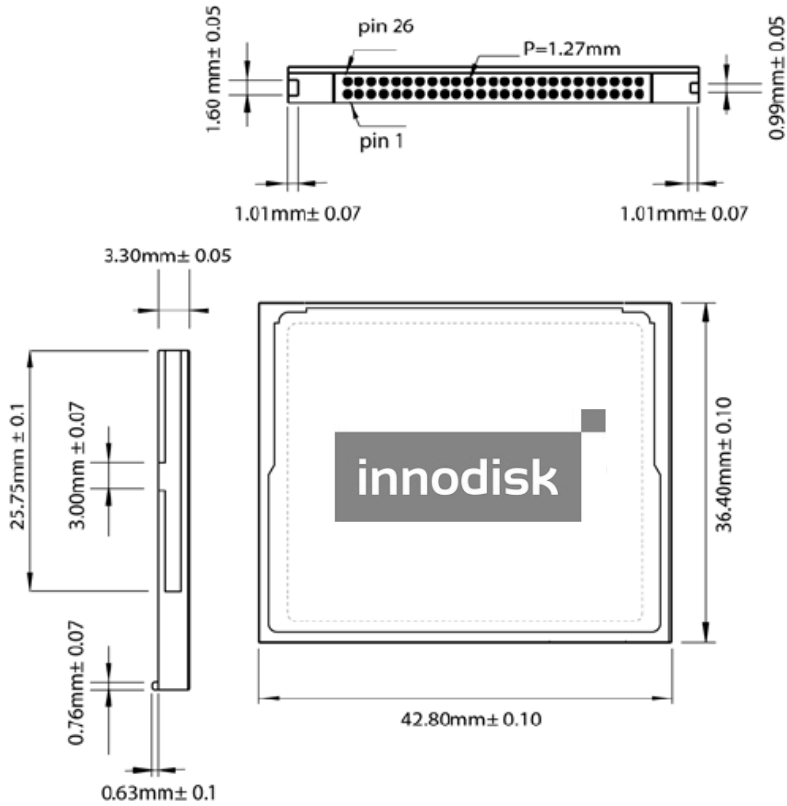
## Ordering Information

Capacity	Standard Grade	Industry Grade
128MB	DC1M- <u>128</u> D51A <u>C</u> 1SS	DC1M- <u>128</u> D51A <u>W</u> 1SS
256MB	DC1M- <u>256</u> D51A <u>C</u> 1SS	DC1M- <u>256</u> D51A <u>W</u> 1SS
512MB	DC1M- <u>512</u> D51A <u>C</u> 1SS	DC1M- <u>512</u> D51A <u>W</u> 1SS
1GB	DC1M- <u>01G</u> D51A <u>C</u> 1DS	DC1M- <u>01G</u> D51A <u>W</u> 1DS
2GB	DC1M- <u>02G</u> D51A <u>C</u> 1DS	DC1M- <u>02G</u> D51A <u>W</u> 1DS
4GB	DC1M- <u>04G</u> D51A <u>C</u> 1DT	DC1M- <u>04G</u> D51A <u>W</u> 1DT
8GB	DC1M- <u>08G</u> D51A <u>C</u> 1DT	DC1M- <u>08G</u> D51A <u>W</u> 1DT
16GB	DC1M- <u>16G</u> D51A <u>C</u> 1DT	DC1M- <u>16G</u> D51A <u>W</u> 1DT
32GB	DC1M- <u>32G</u> D51A <u>C</u> 1DT	DC1M- <u>32G</u> D51A <u>W</u> 1DT

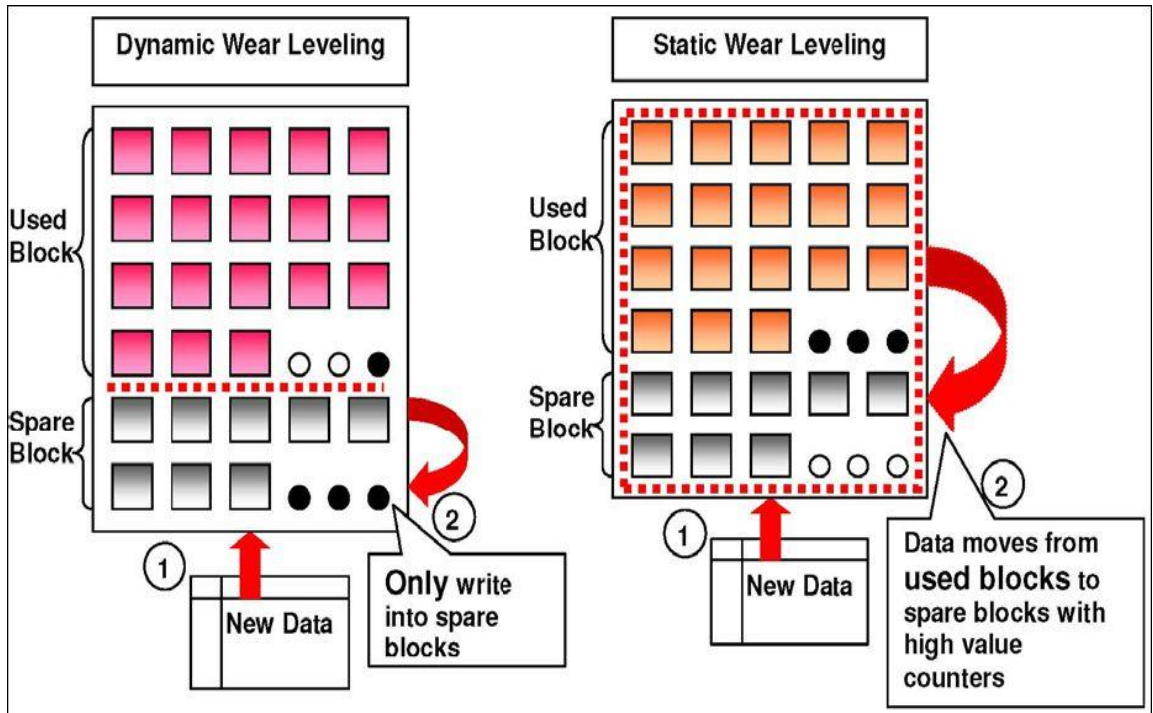
\*DC1S support write protect. X=internal control (X=internal control code, 1=TSOP, A=BGA)

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# Mechanical Dimension



# Wear Leveling



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