

Datasheet

CFast 3SE4 series

- Excellent performance
- Long life span
- Designed with LDPC ECC engine
- DRAM-less, 100% data integrity
- Supports TRIM/NCQ/SMART
- Built in iData Guard



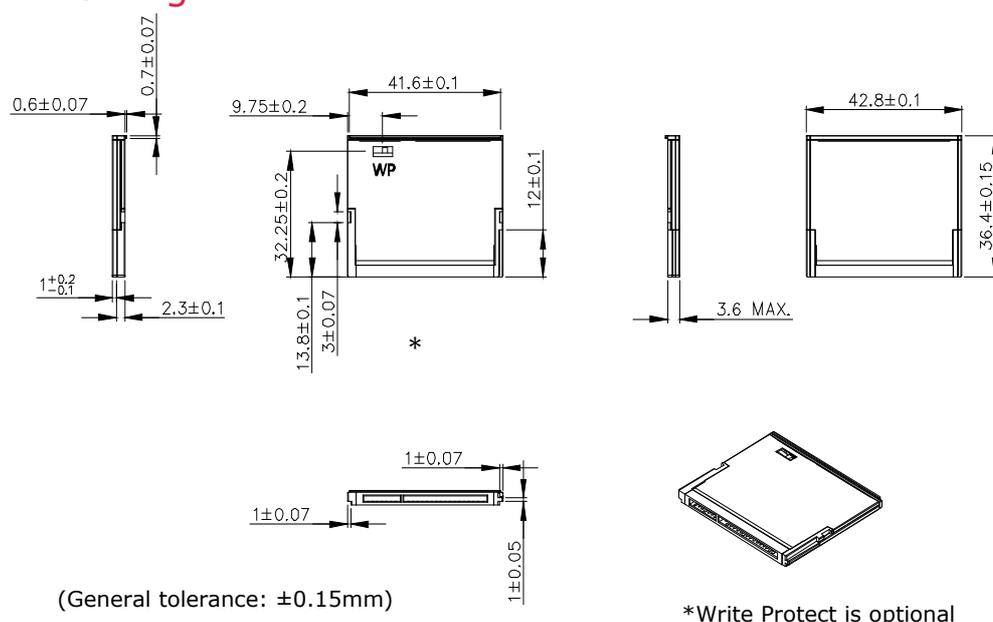
Introduction

Innodisk CFast 3SE4, featured as small form factor, can be configured as a boot device or data storage and is suitable for most industrial application. With SLC NAND Flash and LDPC ECC, CFast 3SE4 provide high performance and prolong lifespan with exceptional reliability. Supported with hardware write protection, CFast 3SE4 can prevent valuable data on a device from modification and deletion.

Innodisk CFast 3SE4 is designed for industrial field, and supports several standard features, including TRIM, NCQ, and S.M.A.R.T. In addition, Innodisk's exclusive industrial-oriented firmware provides a flexible customization service, making it perfect for a variety of industrial applications.

CFast 3SE4series

Drawing



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Specifications

Interface	SATA III
Flash Type	SLC
Capacity	8GB~64GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	520/360
Max. Power Consumption	1W
Thermal Sensor	ST- default / WT- default
External DRAM Buffer	-
H/W Write Protect	Optional*
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	42.8X 36.4 X 3.6 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

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Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB
Standard Grade (0°C ~ +70°C)	DECFA-08GM41SCADB(W)	DECFA-16GM41SCADB(W)	DECFA-32GM41SCADB(W)	DECFA-64GM41SCADB(W)
Industrial Grade (-40°C ~ +85°C)	DECFA-08GM41SWADB(W)	DECFA-16GM41SWADB(W)	DECFA-32GM41SWADB(W)	DECFA-64GM41SWADB(W)

*H/W write protect function is optional.

(For the write protect demand, please place the order by PN: DECFA-xxxM41SxAxBW)

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