Datasheet

CFast 3SE series

- SATA III interface
- Extremely low power consumption
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Hardware write protect
- Enhanced power cycling management

Introduction

The Innodisk CFast 3SE operates at SATA III 6.0 Gb/s, which offers data transfer rate of read up to 470MB/sec. and of sequential write up to 250MB/s. Compliant with CFast 2.0 standard, it is designed with 7+17 pin connector and is SATA compatible. Due to the idle power saving, it reduces 30% power consumption. CFast 3SE is featured as small form factor, and suitable for most industrial application.

CFast 3SE can work under harsh environment, and complies with ATA protocol. Without additional drives, the disk can be configured as a boot device or data storage device. CFast 3SE support hardware write protect to prevent modification of valuable data on a device. Besides, through Innodisk's enhanced power cycling technology and more capacitors, CFast 3SE prevents data loss caused by sudden power failure. By using Innodsik's iSMART, users can not only monitor the operation status of SSD, but also visualize Wear-Leveling status with graphics.

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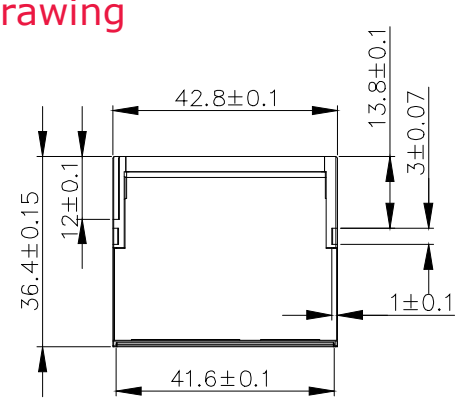
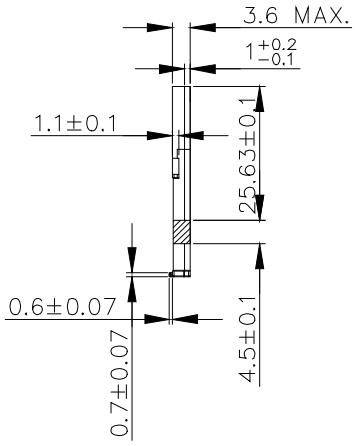
CFast
3SE series

Drawing





Specifications

Interface	SATA III
Flash Type	SLC
Capacity	1GB~64GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	470/250
Max. Power Consumption	1W
Thermal Sensor	Optional
External DRAM Buffer	–
H/W Write Protect	√
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

Ordering Information

Operation Temp.	1GB	2GB	4GB	8GB	16GB	32GB	64GB
Standard Grade (0°C ~ +70°C)	DECFA-01GD07AC3SB	DECFA-02GD07AC3DB	DECFA-04GD06SCBDB	DECFA-08GD06SCBQB	DECFA-16GD06SCBQB	DECFA-32GD06SCBQB	DECFA-64GD06SCBQB
Industrial Grade (-40°C ~+85°C)	DECFA-01GD07AW3SB	DECFA-02GD07AW3DB	DECFA-04GD06SWBDB	DECFA-08GD06SWBQB	DECFA-16GD06SWBQB	DECFA-32GD06SWBQB	DECFA-64GD06SWBQB

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