

Datasheet

CFast 3ME 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 3ME operates at SATA III 6.0 Gb/s, which offers data transfer rate of read up to 310MB/sec. and of sequential write up to 150MB/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 3ME is featured as small form factor, and suitable for most industrial application.

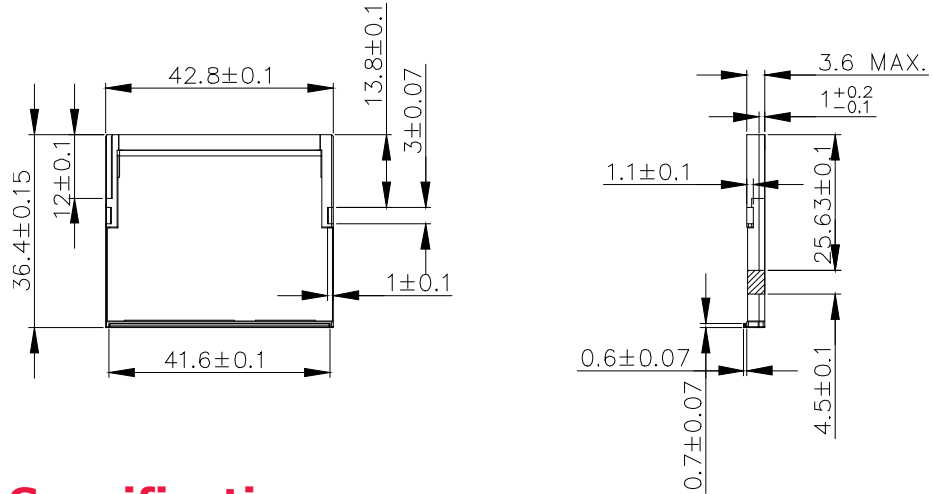
CFast 3ME can work under harsh environment, and complies with ATA protocol. Without additional drives, the disk can be configured as a boot device or data storage device. CFast 3ME support hardware write protect to prevent modification of valuable data on a device. Besides, through Innodisk's enhanced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

CFast 3ME_{series}

Drawing

Contact us for more information
about the CFast 3ME

Innodisk is a service-driven provider of industrial embedded flash and DRAM storage products and technologies, with a focus on the cloud computing, industrial/embedded, and aerospace and defense industries.



Specifications

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Interface	SATA III
Flash Type	MLC
Capacity	4GB~128GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	310/150
Max. Power Consumption	1.1W
Thermal Sensor	ST- optional/ WT- default
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.	4GB	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DECFA-04GD07RC2SC	DECFA-08GD07RC2SC	DECFA-16GD07RC2DC	DECFA-32GD07RC2DC	DECFA-64GD07RC2DC	DECFA-A28D07RC2DC
Industrial Grade (-40°C ~+85°C)	DECFA-04GD07SW2SC	DECFA-08GD07SW2SC	DECFA-16GD07SW2DC	DECFA-32GD07SW2DC	DECFA-64GD07SW2DC	DECFA-A28D07SW2DC