

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 35% power consumption. CFast 3ME is featured as small form factor, and suitable for most industrial application.

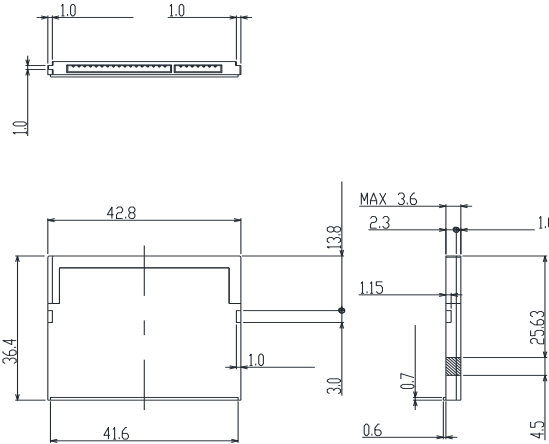
CFast 3ME can work under harsh environment, and complies with ATA protocol. Without additional drives, the disk can be configured as a boot device or data storage device. CFast 3ME support hardware write protect to prevent modification of valuable data on a device. Besides, through Innodisk's enhanced 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

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.

## Drawing



## Specifications

Interface	SATA III
Flash Type	MLC
P/E Cycle limit	3,000
Capacity	8GB~128GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	310/150
Max. Power Consumption	1.1W
Thermal Sensor	optional
External DRAM Buffer	-
H/W Write Protect	√
Pin7 Power	-
ATA Security	Supported
S.M.A.R.T.	Supported
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	128GB
Standard Grade (0°C ~ +70°C)	DECFA-08GD07SC15C	DECFA-16GD07SC1DC	DECFA-32GD07SC1DC	DECFA-64GD07SC1DC	DECFA-A28D07SC1DC
Industrial Grade (-40°C ~+85°C)	DECFA-08GD07SW15C	DECFA-16GD07SW1DC	DECFA-32GD07SW1DC	DECFA-64GD07SW1DC	DECFA-A28D07SW1DC

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