

Datasheet

mSATA mini 3ME series

- SATA 6Gb/s interface
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Zero mechanical interference
- Anti-vibration mechanical design
- JEDEC standard MO-300 dimension



Introduction

Innodisk mSATA mini 3ME is designed with mSATA mini form factor by MO-300/MO-300B which established by JEDEC, and support SATA III standard (6.0Gb/s) with excellent performance. Regarding of mechanical interference, Innodisk mSATA mini 3ME absolutely replaces the traditional hard disk and makes personal computer, in any field, smaller and easier.

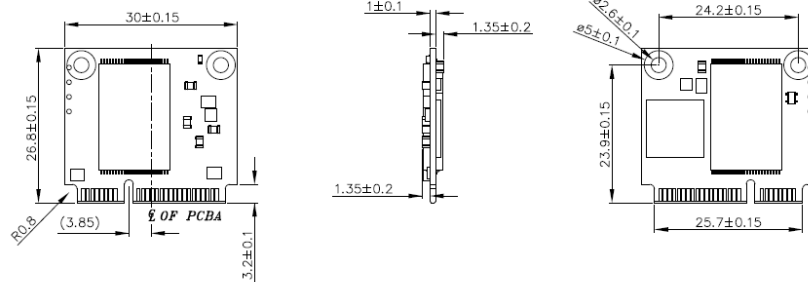
Innodisk mSATA mini 3ME effectively reduces the booting time of operation system and the power consumption is less than hard disk drive (HDD), and complies with ATA protocol, no additional drives are required, and can be configured as a boot device or data storage device.

mSATA mini 3ME series

Diagram

Contact us for more information about the mSATA mini 3ME.

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



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Specifications

Interface	SATA III
Flash Type	MLC
P/E cycle	3,000
Capacity	4GB~64GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	280 / 80
Max. Power Consumption	0.5 W (3.3V x 150 mA)
Thermal Sensor	WT only
External DRAM buffer	-
H/W Write Protect	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	30 X 26.8 X 3.7 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
Standard Grade (0°C ~ +70°C)	DEMISM-04GD07RC2SC	DEMISM-08GD07RC2SC	DEMISM-16GD07RC2DC	DEMISM-32GD07RC2DC	DEMISM-64GD07RC2DC
Industrial Grade (-40°C ~ +85°C)	DEMISM-04GD07SW2SC	DEMISM-08GD07SW2SC	DEMISM-16GD07SW2DC	DEMISM-32GD07SW2DC	DEMISM-64GD07SW2DC