

Datasheet

# mSATA mini 3ME2 series

- SATA 6.0 Gb/s interface
- Intelligent error recovery system
- Excellent data transfer speed
- Zero mechanical interference
- Anti-vibration mechanical design
- JEDEC standard MO-300 dimension
- Half dimension of mSATA regular



## Introduction

Innodisk mSATA mini 3ME2 is designed with mSATA 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 3ME2 absolutely replaces the traditional hard disk and makes personal computer, in any field, smaller and easier.

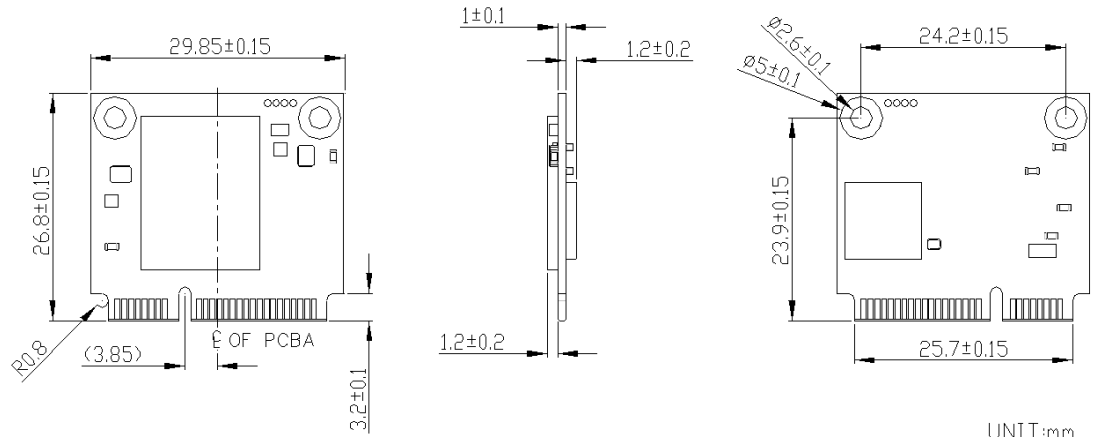
Innodisk mSATA mini 3ME2 effectively reduces the booting time of operation system and the power consumption is less than hard disk drive (HDD), and complies with ATA protocol, no additional drives are required, and can be configured as a boot device or data storage device.

# mSATA mini 3ME2 series

Contact us for more information about the mSATA mini 3ME2.

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.

## Diagram



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## Specifications

Interface	SATA III
Flash Type	MLC
Capacity	16GB~128GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	340/150
Max. Power Consumption	0.8W (3.3V x 245mA)
Thermal Sensor	√
External DRAM buffer	-
H/W Write Protect	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	29.85 X 26.8 X 3.4 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

## Ordering Information

Operation Temp.	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DEMISM-16GD72SCASN	DEMISM-32GD72SCADN	DEMISM-64GD72SCADN	DEMISM-A28D72SCADN
Industrial Grade (-40°C ~ +85°C)	DEMISM-16GD72SWASN	DEMISM-32GD72SWADN	DEMISM-64GD72SWADN	DEMISM-A28D72SWADN

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