M.2 (S80)
3SE3 series

- SATA III solution for industrial field
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Write protection security
- Zero mechanical interference
- Anti-vibration mechanical design

Introduction

Innodisk M.2 (S80) 3SE3 is designed as the standard M.2 form factor with SATA interface, and supports SATA III standard (6.0Gb/s) with excellent performance. The form factor refers to the M.2(NGFF) specification which established by JEDEC. Regarding of mechanical interference, Innodisk M.2 (S80) 3SE3 absolutely replaces the traditional hard disk and makes personal computer, in any field, smaller and easier.

Innodisk M.2 (S80) 3SE3 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

innodisk

M.2 (S80)
3SE3 series

Contact us for more information about the M2 (S80) 3SE3.

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.

Headquarters (Taiwan)

5F., No.237, Sec. 1, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

Tel: +886-2-77033000
Email: sales@innodisk.com

Branch Offices:

USA
usasales@innodisk.com
+1-510-770-9421
Europe
eusales@innodisk.com
+31-040-282-1818
Japan
jpsales@innodisk.com
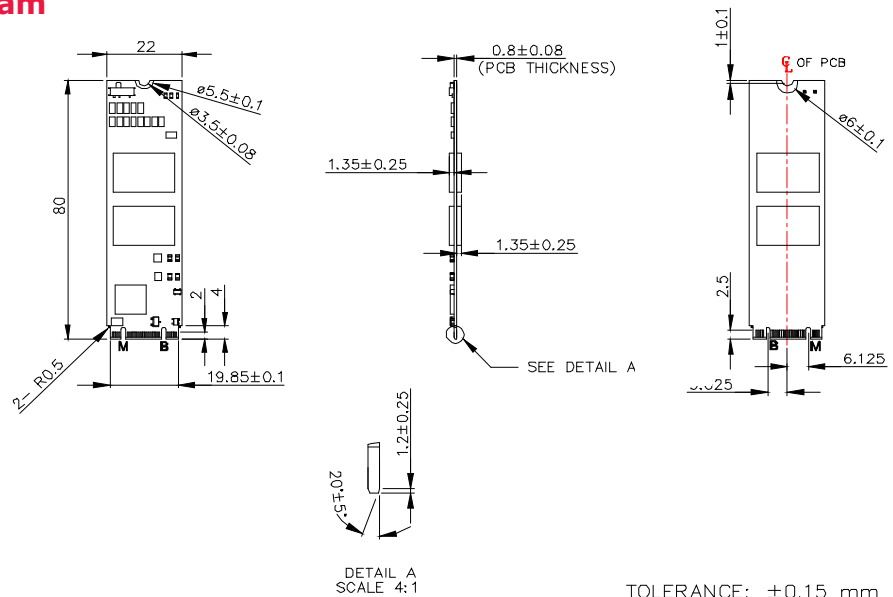+81-3-6667-0161
China
sales_cn@innodisk.com
+86-755-21673689

www.innodisk.com

20161101

Diagram

TOLERANCE: ±0.15 mm

Specifications

Interface	SATA III
Flash Type	SLC
Capacity	8GB~128GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	380 / 220
Max. Power Consumption	1.96 W (3.3V x 594 mA)
Thermal Sensor	ST- N/ WT- default
External DRAM buffer	-
H/W Write Protect	optional
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	22.0 X 80.0 X 3.5 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DEM28-08GD08SCAQB	DEM28-16GD08SCAQB	DEM28-32GD08SCAQB	DEM28-64GD08SCAQB	DEM28-A28D08SCAQB
Industrial Grade (-40°C ~ +85°C)	DEM28-08GD08SWAQB	DEM28-16GD08SWAQB	DEM28-32GD08SWAQB	DEM28-64GD08SWAQB	DEM28-A28D08SWAQB

innodisk

www.innodisk.com