

Datasheet

1.8" SATA SSD

3MR3-P series

- 1.8" SATA III solution for industrial field
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Enhanced power cycling management



Introduction

Innodisk 1.8" SATA SSD 3MR3-P is SATA III 6Gb/s Flash based disk, which delivers excellent performance and reliability, making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. 1.8" SATA SSD 3MR3-P not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

innodisk

www.innodisk.com

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**Contact us for more information
about the 1.8" SATA SSD 3MR3-P**

54.0±0.20
35.0
27.04
78.50±0.30
51.6
12.6

DATUM A OF CONNECTOR
CENTER OF DATUM Y
CENTER OF DATUM Y
GROUND AREA
CENTER OF DATUM Y

5.00±0.15
1.35
3.30±0.15

[[0.4]X]
[[0.20]X]Y
[[0.30]Y]

GENERAL TOLERANCE: ±0.15mm

Interface	SATA III
Flash Type	MLC
Capacity	8GB~512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	460 / 240
Max. Power Consumption	5 W (5V x 1A)
Thermal Sensor	√
External DRAM Buffer	√
H/W Write Protect	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	54.0 X 78.5 X 5.00 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DRS18-08GD70BC1SC	DRS18-16GD70BC1SC	DRS18-32GD70BC1DC	DRS18-64GD70BC1QC	DRS18-A28D70BC1QC	DRS18-B56D70BC1QC	DRS18-C12D70BC1QC
Industrial Grade (-40°C ~ +85°C)	DRS18-08GD70BW1SC	DRS18-16GD70BW1SC	DRS18-32GD70BW1DC	DRS18-64GD70BW1QC	DRS18-A28D70BW1QC	DRS18-B56D70BW1QC	DRS18-C12D70BW1QC

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