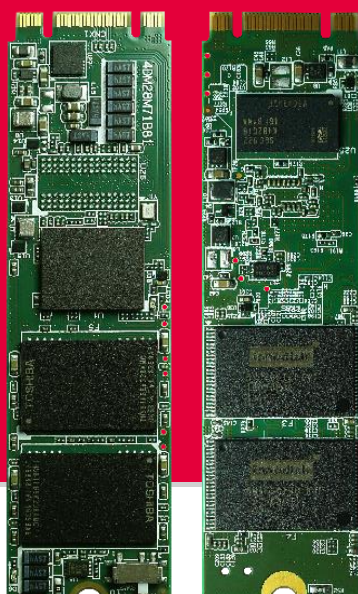


Datasheet

M.2 (S80) 3TG6-P series

- SATA III solution for industrial field
- High IOPS
- Excellent random performance
- End to end data path protection
- iData Guard for abnormal power failure
- iCell technology for data protection



Introduction

Innodisk M.2 (S80) 3TG6-P is SATA III 6Gb/s solid state disk, which delivers excellent performance, especially in random data transfer rate, and which offers reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. M.2 (S80) 3TG6-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 M.2 (S80) 3TG6-P is designed for industrial field, and supports several standard features, including TRIM, NCQ, and S.M.A.R.T. In addition, Innodisk's exclusive industrial-oriented firmware provides a flexible customization service, making it perfect for a variety of industrial applications.

M.2 (S80) 3TG6-P series

Contact us for more information
about the M.2 (S80) 3TG6-P.

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.

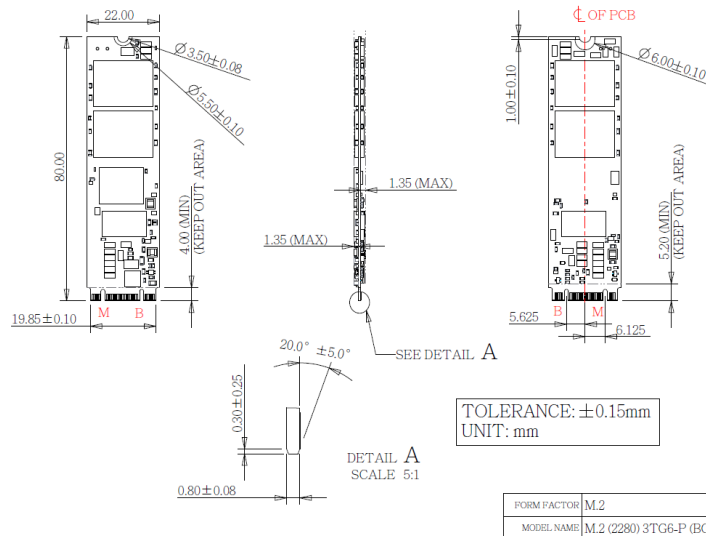
Headquarters (Taiwan)

5F., No. 237, Sec. 1, Datong Rd., Xizhi
Dist., New Taipei City 221, Taiwan
Tel: +886-2-7703-3000
Email: sales@innodisk.com

Branch Offices:

USA
usasales@innodisk.com
+1-510-770-9421
Europe
eusales@innodisk.com
+31-40-3045-400
Japan
jpsales@innodisk.com
+81-3-6667-0161
China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

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Specifications

Interface	SATA III
Flash Type	3D TLC
P/E cycle	3,000
Capacity	128GB~2TB
Max. Channels	4
Sequential R/W (MB/sec, max.)	560/490
Max. Power Consumption	3.0W
Thermal Sensor	✓
External DRAM buffer	✓
H/W Write Protect	✓
iCell	✓
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	22.0 X 80.0 X 3.8mm (Max)
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Ordering Information

Operation Temp.	128GB	256GB	512GB	1TB	2TB
Standard Grade (0°C ~ +70°C)	DGM28- A28M71%C*&FP	DGM28- B56M71%C*QFP	DGM28- C12M71%C*QFP	DGM28- 01TM71%C*QFP	DGM28- 02TM71KCBQFP
Industrial Grade (-40°C ~ +85°C)	DGM28- A28M71%W*&FP	DGM28- B56M71%W*QFP	DGM28- C12M71%W*QFP	DGM28- 01TM71%W*QFP	DGM28- 02TM71KWBQFP

*. PCB version / %. E=64 layers 3D TLC; K=112 layers 3D TLC / &. D=2 channels; Q=4 channels

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