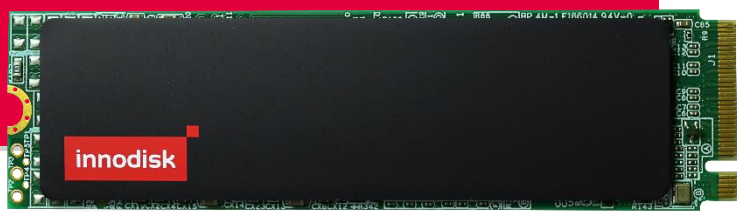
Datasheet

M.2 (P80) 4TS2-P series

- PCIe Gen. 4x4, NVMe 1.4 for Edge Server field
- Excellent data transfer speed
- Stable sustained performance
- Heat-spreading design
- LDPC ECC engine supported.
- Thermal Throttling management



Introduction

Innodisk M.2 (P80) 4TS2-P is an NVM Express SSD designed as the standard M.2 form factor with PCIe interface and 3D TLC NAND Flash. M.2 (P80) 4TS2-P supports PCIe Gen. 4x4, and it is compliant with NVMe 1.4 providing excellent performance. M.2 (P80) 4TS2-P with heat-spreading design dissipate heat generating from IC making SSD perform more steady. M.2 (P80) 4TS2-P has Die RAID protection to reduce bad blocks happening and optimize data integrity.

Innodisk M.2 (P80) 4TS2-P provides ultra-speed and high IOPS and offers maximum capacity up to 3.2TB, making the SSD optimal for server and heavy data workload applications.

M.2 (P80)
4TS2-P series

Contact us for more information about the M.2 (P80) 4TS2-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.

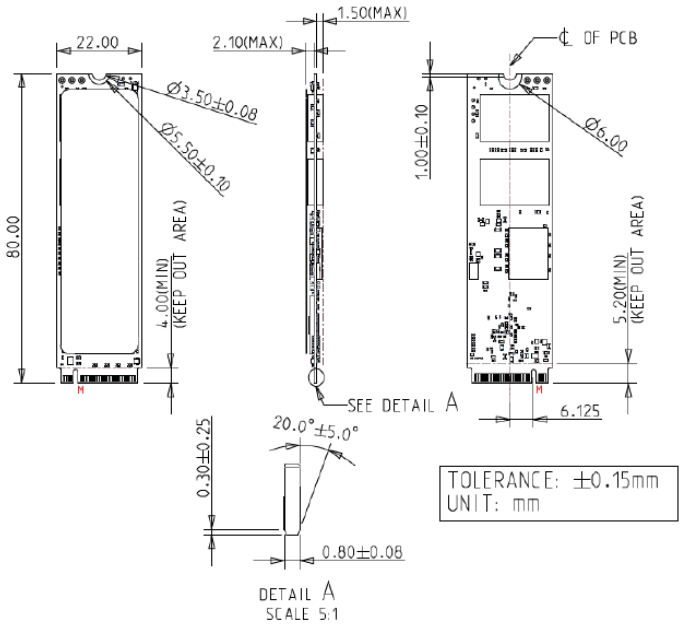
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Diagram(ST)



DWPD	DWPD=3	DWPD=1
Interface	PCIe Gen. 4x4	
Flash Type	3D TLC	
P/E cycle	3,000	
Capacity	400GB~3.2TB	480GB~3.84TB
Max. Channels	8	
Sequential R/W (MB/sec, max.)	7,000/6,050	
Max. Power Consumption	9.6W	
Thermal Sensor	√	
External DRAM buffer	√	
H/W Write Protect	NA	
Dimension (WxLxH)	ST with heat-spreading copper layer: 22.0 X 80.0 X 4.3mm (Pure M.2: 22.0 X 80.0 X 3.8 mm)	
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours	

Ordering Information

Operation Temp.	400GB	800GB	1.6TB	3.2TB
Standard Grade (0°C ~ +70°C)	DSM28-400DP1LCCEH	DSM28-800DP1LCCEH	DSM28-1T6DP1LCCEH	DSM28-3T2DP1LCCEH
Operation Temp.	480GB	960GB	1.92TB	3.84TB
Standard Grade (0°C ~ +70°C)	DSM28-480DP1LCCEH	DSM28-960DP1LCCEH	DSM28-1T9DP1LCCEH	DSM28-3T8DP1LCCEH