

Datasheet

M.2 (P80) 3TE4 B+M Key

- PCIe Gen III x2, NVMe 1.3
- DRAM-less Solution
- Anti-Vibration mechanical design
- Dynamic Thermal Management
- iPower Guard Protection



Introduction

Innodisk M.2 (P80) 3TE4 B+M key is a NVM Express DRAM-less SSD designed with PCIe interface and industrial 3D TLC NAND Flash. M.2 (P80) 3TE4 B+M Key supports PCIe Gen III x2 and it is compliant with NVMe 1.3 providing excellent top and outstanding sustained performance. With sophisticated error detection and correction (ECC) functions, the module can ensure full End-to-End data path protection that secures the data transmission between host system and NAND Flash.

M.2 (P80)

3TE4 B+M Key

**Contact us for more
information about the
M.2 (P80) 3TE4.**

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.

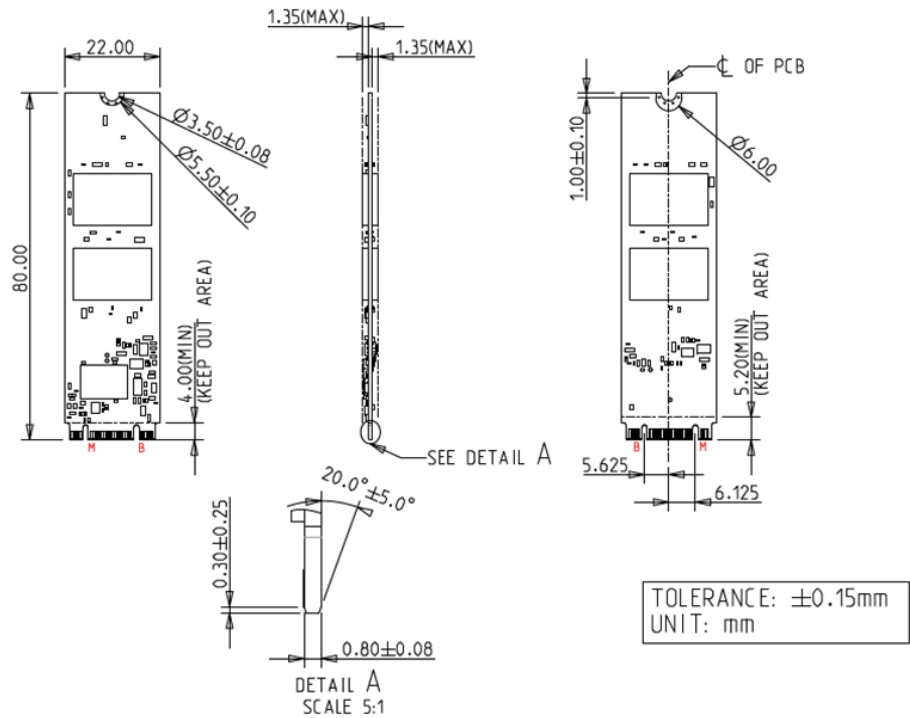
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Specifications

Interface	PCIe Gen III x2
Flash Type	3D TLC
P/E cycle	3,000
Capacity	128GB~2TB
Max. Channels	4
Sequential R/W (MB/s, Max)	1,750/1,500
Max. Power Consumption (RMS)	3.1W
Thermal Sensor	√
External DRAM buffer	NA
H/W Write Protect	NA
iCell	NA
Dimension (WxLxH)	22.0 X 80.0 X 3.0 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours

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Ordering Information

Operation Temp.	128GB	256GB	512GB	1TB	2TB
Standard Grade (0°C ~ +70°C)	DEM28-A28IB1KCCDL	DEM28-B56IB1KCCQL	DEM28-C12IB1KCCQL	DEM28-01TIB1KCCQL	DEM28-02TIB1KCCQL