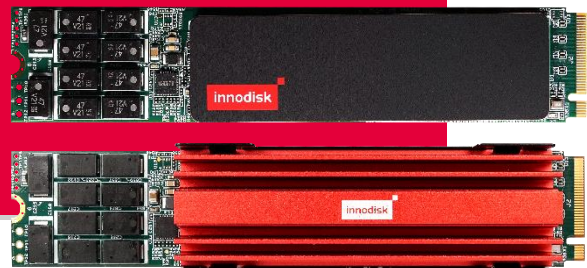


Datasheet

M.2 (P110) 4TG2-P series

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



Introduction

Innodisk M.2 (P110) 4TG2-P is an NVM Express SSD designed as the standard M.2 form factor with PCIe interface and 3D TLC NAND Flash. M.2 (P110) 4TG2-P supports PCIe Gen. 4x4, and it is compliant with NVMe 1.4 providing excellent performance. M.2 (P110) 4TG2-P with heat-spreading design dissipate heat generating from IC making SSD perform more steady. M.2 (P110) 4TG2-P has Die RAID protection to reduce bad blocks happening and optimize data integrity.

Innodisk M.2 (P110) 4TG2-P provides ultra-speed and high IOPS and offers maximum capacity up to 4TB, making the SSD optimal for server and heavy data workload applications.

M.2 (P110) 4TG2-P series

Contact us for more information
about the M.2 (P110) 4TG2-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)

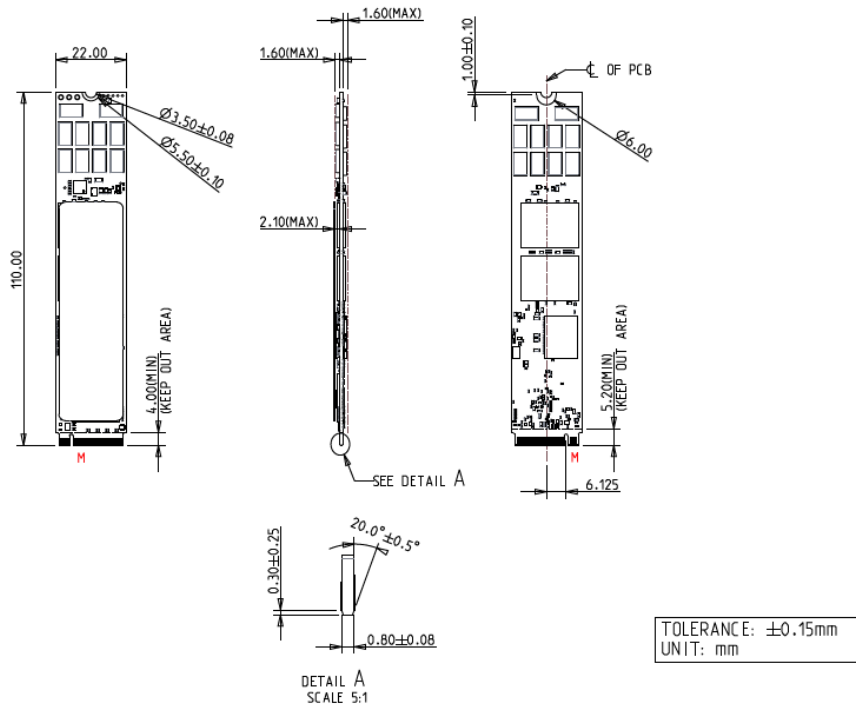
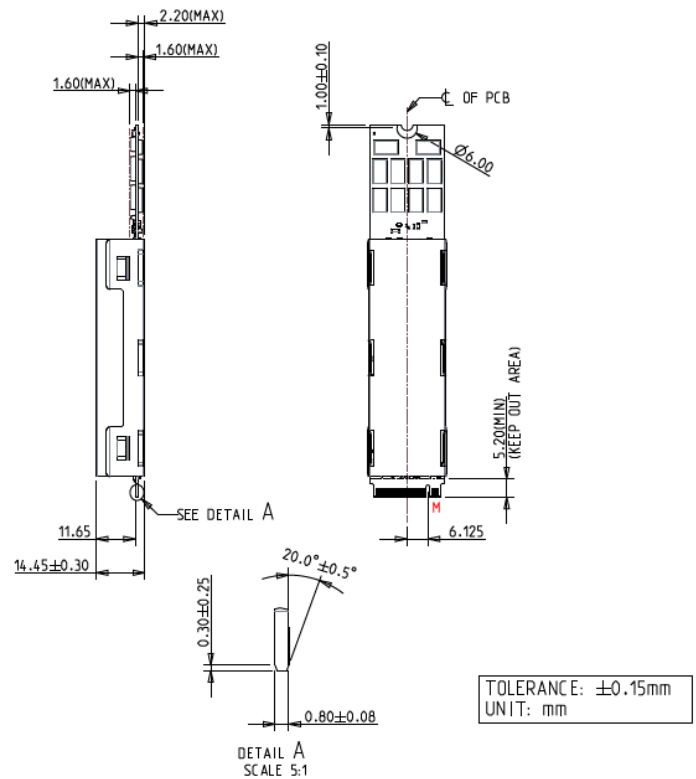


Diagram (WT)



Specifications

Contact us for more information about the M.2 (P110) 4TG2-P.

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| | |
|-------------------------------|---|
| Interface | PCIe Gen. 4x4 |
| Flash Type | 3D TLC |
| P/E cycle | 3,000 |
| Capacity | 512GB~4TB |
| Max. Channels | 8 |
| Sequential R/W (MB/sec, max.) | 7,100/5,400 |
| Max. Power Consumption | 10.6W |
| Thermal Sensor | √ |
| External DRAM buffer | √ |
| H/W Write Protect | NA |
| Dimension (WxLxH) | ST with heat-spreading copper layer: 22.0 X 110.0 X 3.3 mm WT with heatsink: 25 X 110.0 X 14.45 mm (Pure M.2: 22.0 X 110.0 X 2.87 mm) |
| Environment | Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours |

Ordering Information

| Operation Temp. | 512GB | 1TB | 2TB | 4TB |
|-------------------------------------|---------------------|---------------------|---------------------|---------------------|
| Standard Grade (0°C ~ +70°C) | DGM21-C12DP1KCBEPF | DGM21-01TDP1KCBEPF | DGM21-02TDP1KCBEPF | DGM21-04TDP1KCBEPF |
| Industrial Grade (-40°C ~ +85°C) | DGM21-C12DP1KWBEFPH | DGM21-01TDP1KWBEFPH | DGM21-02TDP1KWBEFPH | DGM21-04TDP1KWBEFPH |

