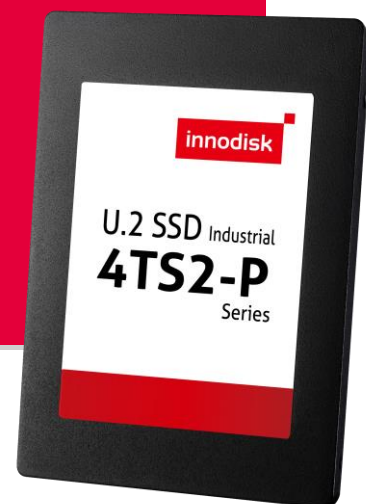


Datasheet

U.2 SSD 4TS2-P series

- PCIe Gen. 4x4, NVMe 1.4
- Excellent data transfer speed
- Heat-spreading design
- LDPC ECC engine supported.
- End-to-end Data Path Protection
- High capacity & ultra-speed
- 256-bit AES hardware-based encryption
- Support TCG Opal Function (Optional)



Introduction

Innodisk U.2 SSD 4TS2-P is an NVM Express SSD designed as PCIe SFF-8639 module with PCIe interface and 3D TLC NAND Flash. U.2 SSD 4TS2-P supports PCIe Gen. 4x4, and it is compliant with NVMe 1.4 providing excellent 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.

Innodisk U.2 SSD 4TS2-P provides ultra-speed and high IOPS, making the SSD optimal for server and heavy data workload applications.

U.2 SSD

4TS2-P series

Contact us for more information
about the U.2 SSD 4TS2-P.

Diagram

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.

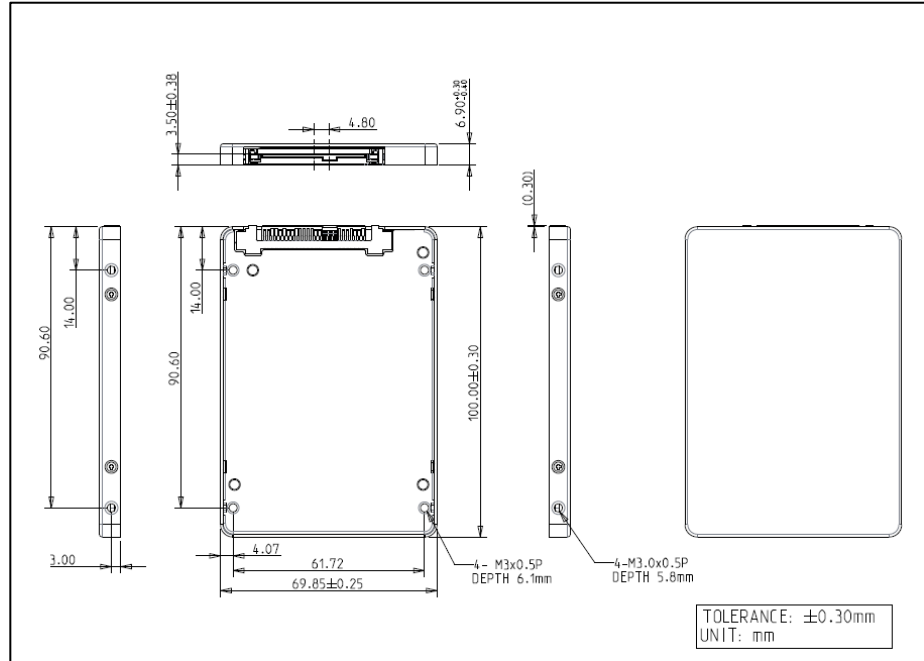
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Specifications

| | | |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Interface | PCIe Gen. 4 x4 | |
| Flash Type | 3D TLC | |
| P/E cycle | 7,000 | |
| DWPD | 1 | 2 |
| Capacity | 960GB-3.84TB | 800GB-3.2TB |
| Max. Channels | 8 | |
| Sequential R/W (MB/sec, max.) | 6,450/4,950 | |
| Max. Power Consumption | 13.3W | |
| Thermal Sensor | √ | |
| External DRAM buffer | √ | |
| H/W Write Protect | NA | |
| iCell | NA | |
| Dimension (WxLxH) | 100.0 X 69.85 X 6.9 mm | |
| Environment | Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Working Temperature: ST 0°C ~ +70°C, ; WT -40°C ~ +85°C Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours | |

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Ordering Information

| Operation Temp. | 800GB | 1.6TB | 3.2TB |
|---------------------------------|-------------------|-------------------|-------------------|
| Standard Grade (0°C ~ +70°C) | DSEU2-800DP1NCBEF | DSEU2-1T6DP1NCBEF | DSEU2-3T2DP1NCAEF |
| | 960GB | 1.92TB | 3.84TB |
| | DSEU2-960DP1NCBEF | DSEU2-1T9DP1NCBEF | DSEU2-3T8DP1NCAEF |