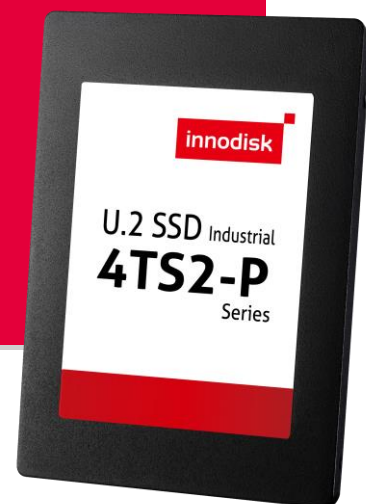


Datasheet

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



Introduction

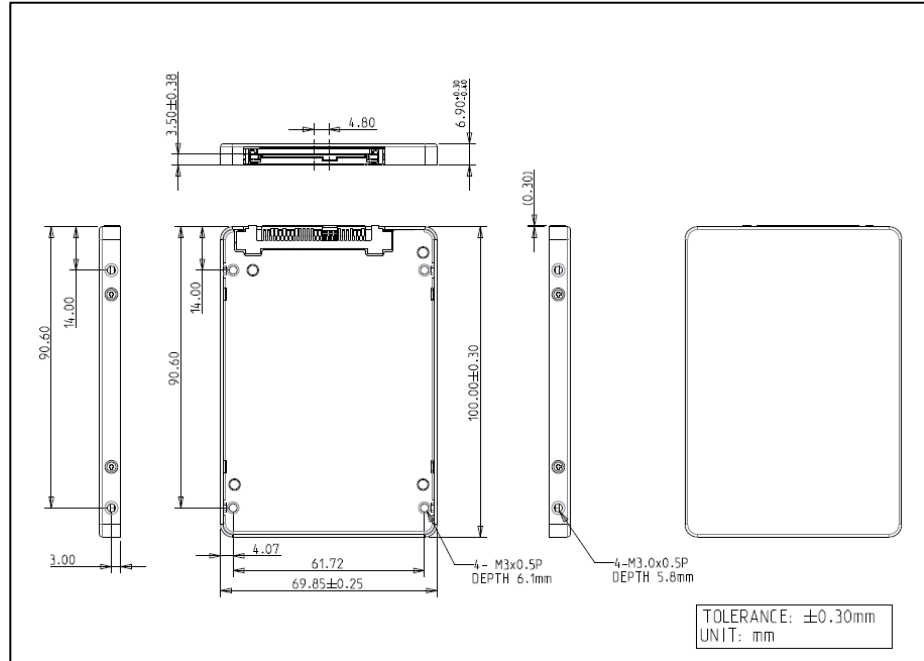
Innodisk U.2 SSD 4TS2-P is an NVM Express SSD designed as PCIe SFF-8639 module with PCIe interface and 3D TLC NAND Flash. U.2 SSD 4TS2-P supports PCIe Gen. 4x4, and it is compliant with NVMe 1.4 providing excellent performance. With sophisticated error detection and correction (ECC) functions, the module 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 and offers maximum capacity up to 3.84TB, making the SSD optimal for server and heavy data workload applications.

U.2 SSD

4TS2-P series

Diagram



Contact us for more information
about the U.2 SSD 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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	DWPD=3	DWPD=1
Interface	PCIe Gen. 4 x4	
Flash Type	3D TLC	
P/E cycle	10,000	
Capacity	400GB~3.2TB	480GB~3.84TB
Max. Channels	8	
Sequential R/W (MB/sec, max.)	7100/6150	
Max. Power Consumption	10.6W	
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, Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours	

Ordering Information

	Operation Temp.	400GB	800GB	1.6TB	3.2TB
DWPD=3	Standard Grade (0°C ~ +70°C)	DSEU2- 400DP1LCAEH	DSEU2- 800DP1LCAEH	DSEU2- 1T6DP1LCAEH	DSEU2- 3T2DP1LCAEH
DWPD=1	Standard Grade (0°C ~ +70°C)	480GB	960GB	1.92TB	3.84TB
		DSEU2- 480DP1LCAEH	DSEU2- 960DP1LCAEH	DSEU2- 1T9DP1LCAEH	DSEU2- 3T8DP1LCAEH

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