

2.5" SSD

ISSS333



The 2.5-inch ADATA ISSS313 industrial-grade SSD is equipped with 96-layer 3D TLC (BiCS4) NAND flash to provide excellent read and write performance as well as high capacities. What's more, it also features a 3K P/E cycle rating for long-lasting durability. The ISSS333's level of energy efficiency, reliability, safety, and performance meet the strict requirements of industrial applications. Other valuable features include DRAM Buffer for improved IOPS and read and write, and LDPC ECC error correction and RAID Engine for data accuracy and integrity. The ISSS333 has high compatibility and is suitable for industrial PCs, embedded devices, automation, networking, and transportation applications.

Features

- 96-layer 3D TLC (BiCS4) NAND flash for higher capacities, efficiency, and durability
- 3K P/E cycle rating for excellent durability and reliability
- Low power consumption: 2.2W
- LDPC ECC error correction, RAID Engine, and DRAM Buffer
- Thermal Throttling automatically adjusts temperatures for prolonged product lifespan
- Suitable for industrial PCs, embedded devices, automation, networking, and transportation applications

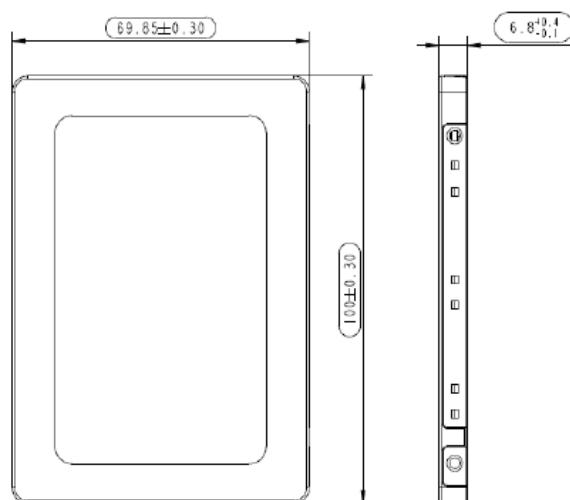
Ordering Information

Operating Temp.	64GB	128GB	256GB	512GB	1TB	2TB
0°C to 70°C	ISSS333-064GD	ISSS333-128GD	ISSS333-256GD	ISSS333-512GD	ISSS333-001TD	ISSS333-002TD

Specifications

Model	ISSS333
Form Factor	2.5"
Capacity	64GB – 2TB
Interface	SATA III
Flash Type	96L 3D TLC
Dimensions (L x W x H)	100 x 70 x 7mm
Sequential Read (Max.)	560MB/s
Sequential Write (Max.)	520MB/s
Operating Temperature (Standard)	0°C to 70°C
Operating Temperature (Industrial)	-
Operating Voltage	5V
Power Consumption (Max.)	2.2W
Shock Resistance	1500G/0.5ms
Operating Humidity	5%-95 RH, non-condensing
Vibration Resistance	20G (20-2000Hz)
Technologies	LDPC ECC, RAID Engine, Wear Leveling, SLC Cache, DRAM Buffer, TRIM and NCQ command, Thermal Throttling, S.M.A.R.T. Monitor

Diagram



Unit: mm

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