

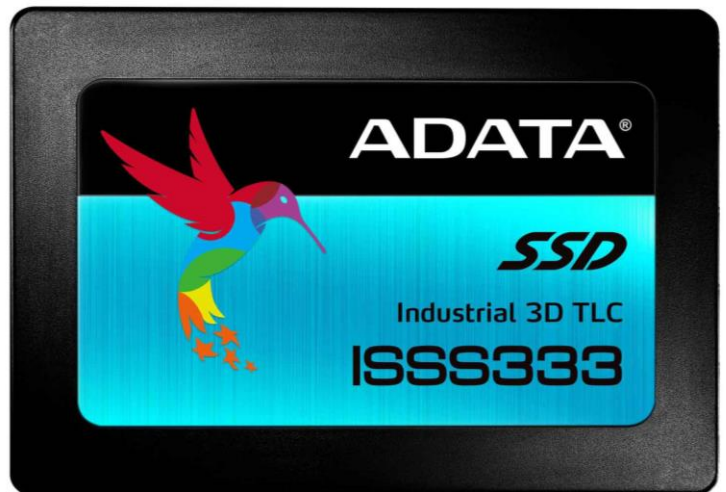
2.5" SATA SSD



ADATA ISSS333 SATA III 6Gbps 2.5" solid state drives implement high-quality 3D NAND flash for bigger capacity, efficiency and reliability than 2D NAND solutions. The ISSS333 are compliant with JEDEC specifications and feature a low-power design intended for industrial applications which leverages ADATA proprietary A+ Testing Methodology. This ensures the drives meet the exacting requirements of industrial applications. For SSD quality, compatibility, and reliability, ADATA developed its own SSD validation process, covering functionality testing and reliability assurance. Strict quality controls provide industrial systems that are the best choice for long-lasting reliability. Furthermore, value-added ADATA SSD Toolbox software provides intuitive SSD management, S.M.A.R.T. data integrity, and system optimization, helping enhance industrial systems.

Key Features

- 3D TLC NAND Flash - higher capacity, durability, and power efficiency
- Advanced hardware LDPC ECC Technology
- Large capacity up to 1TB
- S.M.A.R.T. data integrity protection
- Hardware power detector and Flash protection
- Flash management
- Supports NCQ and Windows TRIM command



Target Applications

Industrial computing, embedded applications, gaming, surveillance, healthcare, defense, and general automation

	ESD & EMI Safe	Shock & Vibration Resistant	Lifetime Monitoring (LTM)	Temperature Sensor	Wear Leveling	Secure Erase	TRIM	Low Power Consumption
ISSS333 3D TLC	●	●	●	●	●	●	●	●

● Supported



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Specifications

Model	ISSS333
Interface	SATA 22-pin
Flash Type	3D TLC
Operating Voltage	5V
Capacity	128GB-1TB
Sequential Read (Max)	Up to 560MB/s
Sequential Write (Max)	Up to 530MB/s
Data Transfer Mode	SATA III 6Gbps
Operating Temperature	0°C to 70°C
Operating Humidity	5%-95% RH non-condensing
Power Consumption (Max)	3.96W
MTBF (Est)	>2,000,000 hours
Vibration Resistance	20G (10-2000Hz)
Shock Resistance	1500G/0.5ms, Half Sine Wave
Dimensions (L x W x H)	100.25 x 69.85 x 7mm
S.M.A.R.T.	Supported

Ordering Information

Capacity	3D TLC 0°C to 70°C
128GB	ISSS333-128GD
256GB	ISSS333-256GD
512GB	ISSS333-512GD
1TB	ISSS333-001TD

Dimensions

