



ADATA Industrial & Embedded Solutions

2.5-inch SSD

ADATA ISSS332 MLC SATA III 6Gbps 2.5" solid state drives feature the best quality hardware components and ship with the most comprehensive internally-supported software, ensuring they fully comply with JEDEC specifications. They are purpose-made for military-grade notebooks, industrial PCs, and embedded applications, and take full advantage of ADATA proprietary A+ Testing Methodology. This guarantees drives meet the exacting requirements of industrial and enterprise applications. When it comes to SSD quality, ADATA A+ Testing Methodology delivers superior functionality and reliability. ISSS332 SSDs undergo the strictest quality controls to provide industrial systems with the best choice for reliability and rugged performance.

Key Features

- Industrial operating temperature: -40°C to 85°C
- Wide range of capacities from 16GB to 1TB
- Supports ECC and Wear Leveling
- Supports S.M.A.R.T., NCQ and TRIM Command
- Hardware Power Detector and Flash Protection
- Flash Management



Target Applications

Transportation, Personal Computing, Server, Networking, Medical, Aerospace, Military

30μ Golden Finger	Anti-Sulfur Resistor	Conformal Coating	Wide Temperature	EDS & EMI Safe	Shock & Vibration Resistant	Lifetime Monitoring (LTM)	Wear Leveling	Secure Erase	TRIM	Low Power Consumption
●	●	—	●	●	●	●	●	●	●	●

● Supported — Not available

Specifications

Model	ISSS332 MLC
Interface	SATA III
Form Factor	2.5-inch
Dimensions (L x W x H)	100.45 x 69.85 x 7mm
Flash Type	MLC
Capacity	16GB – 1TB
Sequential Read (Max.)	560MB/s
Sequential Write (Max.)	450MB/s
Operating Temperature (Commercial)	0°C to 70°C
Operating Temperature (Industrial)	-40°C to 85°C
Operating Voltage	5V
Operating Humidity	5%-95% RH non-condensing
Power Consumption (Max.)	4.6W
MTBF (Est.)	>2,000,000 hours
Shock Resistance	1500G/0.5ms, Half Sine Wave
Vibration Resistance	20G (80-2000Hz)
Technologies	ECC, Data Shaping, S.M.A.R.T., NCQ and TRIM Command

Ordering Information

Capacity	Commercial (0°C to 70°C)	Industrial (-40°C to 85°C)
16GB	ISSS332-016GM	ISSS332-016GT
32GB	ISSS332-032GM	ISSS332-032GT
64GB	ISSS332-064GM	ISSS332-064GT
128GB	ISSS332-128GM	ISSS332-128GT
256GB	ISSS332-256GM	ISSS332-256GT
512GB	ISSS332-512GM	ISSS332-512GT
1TB	ISSS332-001TM	ISSS332-001TT



Dimensions

