

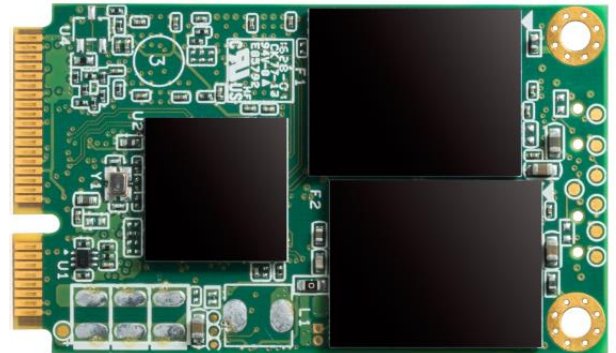
mSATA SSD



The IMSS332 SLC industrial-grade mSATA solid state drives implement SLC NAND Flash for superb transfer rates up to 560/430MB per second. They also feature low power consumption, high reliability, and compatibility across diverse storage applications that require security, convenience, performance, and capacity. With a wide temperature tolerance range of -40°C to 90°C, IMSS332 can operate normally even in harsh environments. They are purpose-made for industrial computing, embedded applications, and healthcare, and take full advantage of ADATA proprietary A+ Testing Methodology. This guarantees drives meet the exacting requirements of industrial and enterprise applications. IMSS332 SSDs undergo the strictest quality controls to provide industrial systems with the best choice for reliability and rugged performance.

Key Features

- SLC NAND Flash for improved longevity and performance
- SATA III 6.0Gbps
- Industrial-grade extended temperature range of -40°C to 90°C
- Maximum read/write speed: 560/430MB per second
- Low power consumption: 2.6W
- Supports S.M.A.R.T., Wear Leveling, NCQ, and Windows TRIM Command
- Hardware power detector and Flash protection



Target Applications

Desktops, compact computers, industrial computers, embedded applications, handheld scanners, mini PC, slim servers and healthcare

	Wide Temperature	ESD & EMI Safe	Shock & Vibration Resistant	Lifetime Monitoring (LTM)	Temperature Sensor	Wear Leveling	Secure Erase	TRIM	Low Power Consumption
IMSS332 SLC	●	●	●	●	●	●	●	●	●

● Supported



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Specifications

Model	IMSS332
Interface	MO-300A mSATA
Capacity	4GB – 128GB
Flash Type	SLC
Operating Voltage	3.3V
Sequential Read (Max)	Up to 560MB/s
Sequential Write (Max)	Up to 430MB/s
Data Transfer Mode	SATA III 6.0Gbps
Operating Temperatures	Commercial: -10°C to 80°C Industrial: -40°C to 90°C
Operating Humidity	5%~95% RH non-condensing
Power Consumption (Max)	2.6W
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)	50.95 x 30 x 4.75mm
S.M.A.R.T.	Supported

Ordering Information

Capacity	Commercial -10°C to 80°C	Industrial -40°C to 90°C
4GB	IMSS332-004GF	IMSS332-004GW
8GB	IMSS332-008GF	IMSS332-008GW
16GB	IMSS332-016GF	IMSS332-016GW
32GB	IMSS332-032GF	IMSS332-032GW
64GB	IMSS332-064GF	IMSS332-064GW
128GB	IMSS332-128GF	IMSS332-128GW

Dimensions

