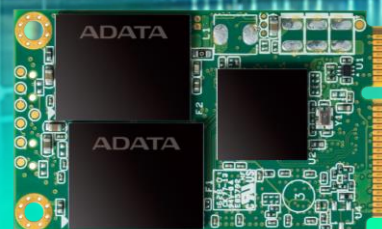


# mSATA SSD

## IMSS332



The ADATA IMSS332 mSATA SSD is equipped with MLC NAND flash for great endurance and reliability. Its 3K P/E cycle rating ensures long-lasting durability. What's more, with BCH ECC (error correction) technology, the IMSS332 ensures data accuracy and integrity. The SSD comes in a range of capacities for different requirements. Customers can also benefit from ADATA's proprietary A+ SDDTOOL software for easy management and real-time monitoring of ADATA SSDs. The IMSS332 is ideal for automation, embedded system, networking, healthcare and transportation applications.

### Features

- MLC NAND Flash and 3K P/E cycle rating for great reliability
- Equipped with DRAM Buffer
- Wide temperature support: -40°C to 85°C
- BCH ECC (error correction) Technology
- Supports Wear Leveling, TRIM and NCQ Command, and S.M.A.R.T. Monitor
- Suitable for automation, embedded system, networking, healthcare and transportation applications

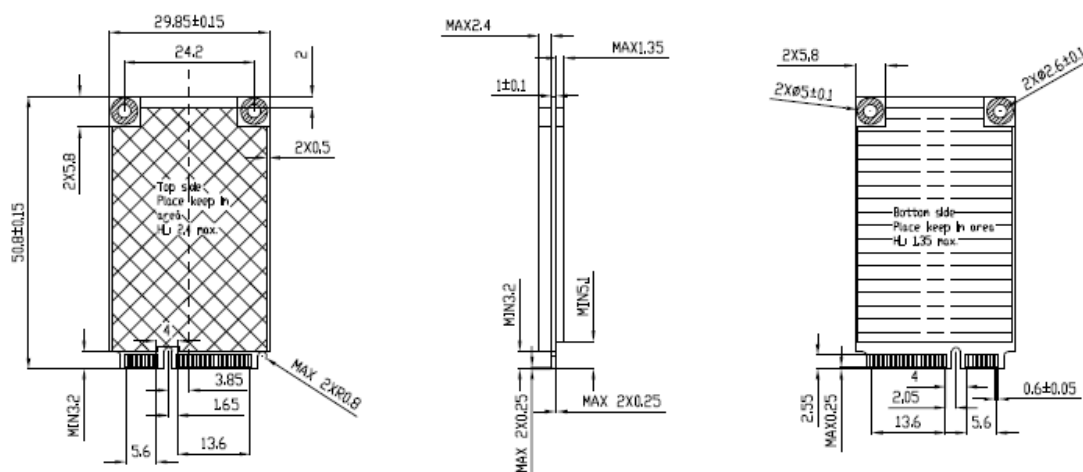
### Ordering Information

Operating Temp.	16GB	32GB	64GB	128GB	256GB	512GB	1TB
0°C to 70°C	IMSS332-016GM	IMSS332-032GM	IMSS332-064GM	IMSS332-128GM	IMSS332-256GM	IMSS332-512GM	IMSS332-001TM
-40°C to 85°C	IMSS332-016GT	IMSS332-032GT	IMSS332-064GT	IMSS332-128GT	IMSS332-256GT	IMSS332-512GT	IMSS332-001TT

## Specifications

Model	IMSS332
Form Factor	mSATA (MO-300A)
Capacity	16GB – 1TB
Interface	SATA III
Flash Type	MLC
Dimensions (L x W x H)	50.8 x 29.85 x 4.85mm
Sequential Read (Max.)	550MB/s
Sequential Write (Max.)	450MB/s
Operating Temperature (Standard)	0°C to 70°C
Operating Temperature (Industrial)	-40°C to 85°C
Operating Voltage	3.3V
Power Consumption (Max.)	3.4W
Shock Resistance	1500G/0.5ms, Half Sine Wave
Operating Humidity	5%-95% RH, non-condensing
Vibration Resistance	20G (20-2000Hz)
Technologies	BCH ECC, Wear Leveling, TRIM and NCQ command, S.M.A.R.T. Monitor

## Diagram



Unit: mm

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