

## M.2 2280 SSD

### IM2S3328E



The ADATA IM2S3328E M.2 2280 solid state drive is optimized for industrial and commercial applications, designed for extreme temperatures, and employs a robust controller. It also benefits from ADATA proprietary A+ SLC technology to effectively improve SSD performance, stability, and lifespan by more than three times compared to a typical MLC drive, bringing it closer to SLC grade but with cost savings approaching 80%. When it comes to SSD quality, ADATA A+ Testing Methodology delivers superior functionality and reliability. IM2S3328E SSDs undergo the strictest quality controls to provide industrial systems with the best choice for reliability and rugged performance.

### Features

- Compact M.2 2280 form factor for high compatibility
- High-speed MLC NAND Flash
- Diverse capacities: 32GB to 512GB
- Wide Temperature Support: -40°C to 85°C
- Supports DEVSLP for power efficiency
- Supports S.M.A.R.T., NCQ and TRIM Command

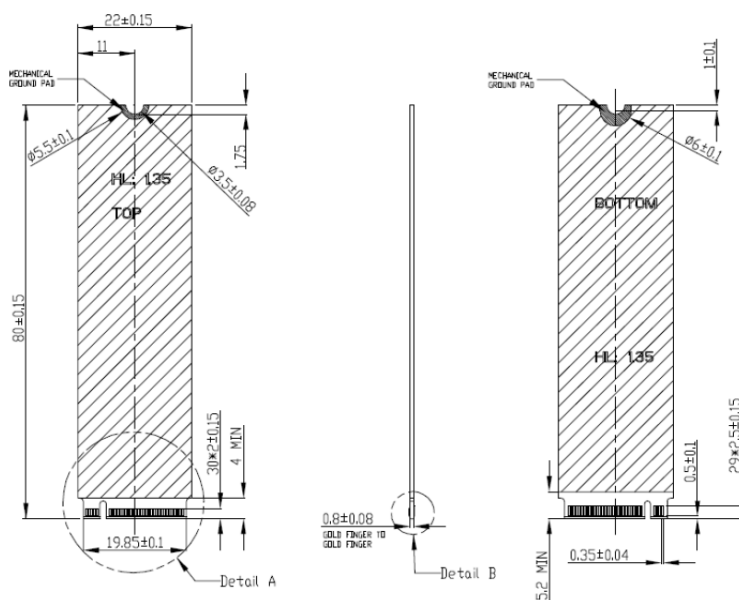
### Ordering Information

Operating Temp.	32GB	64GB	128GB	256GB	512GB
0°C to 70°C	IM2S3328E-032GM	IM2S3328E-064GM	IM2S3328E-128GM	IM2S3328E-256GM	IM2S3328E-512GM
-40°C to 85°C	IM2S3328E-032GT	IM2S3328E-064GT	IM2S3328E-128GT	IM2S3328E-256GT	IM2S3328E-512GT

## Specifications

Model	IM2S3328E
Form Factor	M.2 2280
Capacity	32GB – 512GB
Interface	SATA III
Flash Type	MLC
Dimensions (L x W x H)	80 x 22 x 3.6mm
Sequential Read (Max.)	560MB/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.)	3.0W
Shock Resistance	1500G/0.5ms, Half Sine Wave
Operating Humidity	5%-95% RH, non-condensing
Vibration Resistance	20G (10-2000Hz)
Technologies	DEVSLP, S.M.A.R.T., NCQ and TRIM Command, Wear Leveling

## Diagram



Unit: mm

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