

# M.2 SSD



The super-compact IM2S3326E M.2 2260 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. IM2S3326E SSDs undergo the strictest quality controls to provide industrial systems with the best choice for reliability and rugged performance.

## Key Features

- Ultra-compact M.2 2260 form factor
- Temperature rating: commercial -10°C to 80°C, industrial -40°C to 90°C
- High speed MLC NAND Flash
- S.M.A.R.T. function
- ADATA proprietary A+ SLC technology enhances performance, reliability, and lifespan
- TRIM Command and NCQ
- Data Shaping



## Target Applications

Interactive devices, medical applications, and personal computing

	Wide Temperature	ESD and EMI Safe	Shock and Vibration Resistant	Lifetime Monitoring (LTM)	Secure Erase	Temperature Sensor	Power Fail Protection & Recovery	Wear Leveling	TRIM	Low Power Consumption
<b>IM2S3326E</b>	●	●	●	●	●	●	●	●	●	●

● Supported



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## Specifications

Model	IM2S3326E
Interface	M.2 2260
Capacity	8GB – 1TB
Flash Type	MLC
Operating Voltage	3.3V
Sequential Read (Max)	520MB/s
Sequential Write (Max)	450MB/s
Data Transfer Mode	SATA III 6Gbps
Operating Temperatures	Commercial: -10°C to 80°C Industrial: -40°C to 90°C
Operating Humidity	0°C to 55°C / 5%~+95% RH non-condensing
Power Consumption (Max)	1.6W
MTBF (est.)	>1,500,000 hours
Vibration Resistance	20G (10-2000Hz)
Shock Resistance	1500G/0.5ms, Half Sine Wave
Dimensions (L x W x H)	60 x 22 x 3.5mm
S.M.A.R.T.	Supported

## Ordering Information

Capacity	MLC	MLC
	-10°C to 80°C	-40°C to 90°C
8GB	IM2S3326E-008GM	IM2S3326E-008GT
16GB	IM2S3326E-016GM	IM2S3326E-016GT
32GB	IM2S3326E-032GM	IM2S3326E-032GT
64GB	IM2S3326E-064GM	IM2S3326E-064GT
128GB	IM2S3326E-128GM	IM2S3326E-128GT
256GB	IM2S3326E-256GM	IM2S3326E-256GT
512GB	IM2S3326E-512GM	IM2S3326E-512GT
1TB	IM2S3326E-001TM	IM2S3326E-001TT

## Dimensions

