



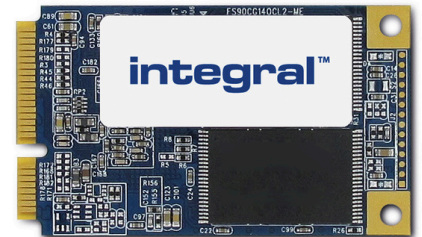
## MSATA MO-300 SSD

The Integral MO-300 mSATA III 6Gbps SSD delivers all of the advantages of flash memory technology for machines that support the mSATA interface. Designed for ultra-thin laptops, desktops and tablets, they address the need for low powered, compact storage without compromising performance and reliability of solid state drives.

- mSATA is a small form factor SSD that is around 8 times smaller than the typical 2.5 inch SSD / HDD available
- Ideal for adding storage to small form factor and embedded systems
- SATA III super-fast performance delivered by the mSATA at 6Gbps
- Extreme reliability and low power operation
- The ideal SSD drive for embedding into new systems and existing hardware
- 3 year warranty or TBW - whichever is earlier applies

**520MB/s Read\***  
**450MB/s Write\***

\* Based on internal testing; performance may vary depending on host device.



Capacity	Read	Write	TBW	PART CODE	BARCODE (EAN)
1TB	520 MB/s	450 MB/s	300	INSSD1TMSA	5055288444935
512 GB	520 MB/s	450 MB/s	150	INSSD512GMSA	5055288444928
256 GB	500 MB/s	400 MB/s	75	INSSD256GMSA	5055288444911
240 GB	490 MB/s	400 MB/s	75	INSSD240GMSA	5055288435872
128 GB	480 MB/s	400 MB/s	35	INSSD128GMSA	5055288444904

**PRODUCT SPECIFICATION:**

Form Factor	M.2
Interface	Serial ATA III
S.M.A.R.T. Support (Y/N)	Y
NVME (Y/N)	N
TRIM Support (Y/N)	Y
Protection Features	Shock resistant
Data Transfer Rate (GB Per Second)	6
Mean Time Between Failures (MTBF) (Hour)	1500000
Operating temperature (T-T)	0 - 70
Storage temperature (T-T)	-40 - 85
Operating relative humidity (H-H) (%)	0 - 90
Sustainability certificates	RoHS
Certification	CE, FCC, UKCA, RoHS



	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	WEIGHT (g)
PRODUCT	22	42	2.25	6
PACKED	64	120	8	15