

# Product Specification

## 128 GB 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

<b>SKU</b>	INSSD128GMSA
<b>EAN</b>	5055288444904

	<b>Width (mm)</b>	<b>Depth (mm)</b>	<b>Height (mm)</b>	<b>Weight (g)</b>
<b>Product</b>	29.85	50.8	3.45	8
<b>Packaging</b>	113	134	14	24

<b>Capacity (GB)</b>	128
<b>Form factor</b>	mSATA
<b>Mean time between failures (MTBF) (hour)</b>	1500000
<b>TBW rating</b>	50
<b>Flash type</b>	TLC
<b>NVMe (Y/N)</b>	N
<b>S.M.A.R.T. support (Y/N)</b>	Y
<b>TRIM support (Y/N)</b>	Y
<b>Read speed (MB per second)</b>	480
<b>Write speed (MB per second)</b>	400
<b>Hardware encryption (Y/N)</b>	N

<b>Interface</b>	Serial ATA III
<b>Operating temperature (T-T) (degrees Celcius)</b>	0 - 70
<b>Storage temperature (T-T) (degrees Celcius)</b>	-40 - 85
<b>Operating relative humidity (H-H) (percent)</b>	0 - 90
<b>Sustainability certificates</b>	RoHS
<b>Certification</b>	CE, FCC, UKCA, RoHS