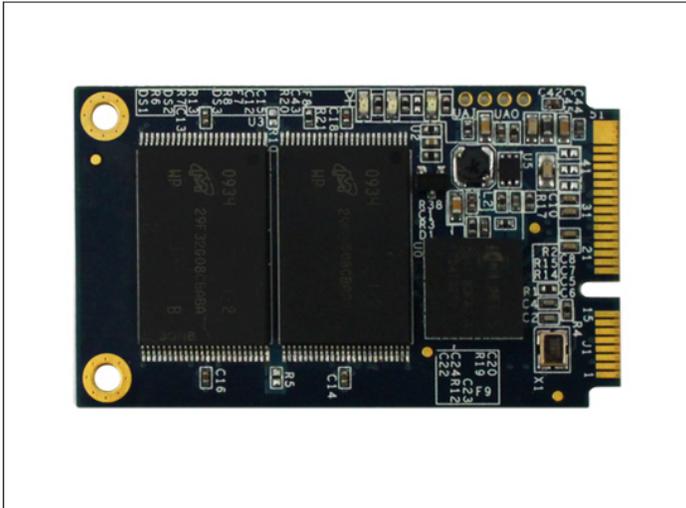


mSATA (MO-300B)
Netbook SSDs

Solid State Drive



Based on Super Talent's fast, highly reliable, NAND Flash chips, our mini-SATA has been acquired as a JEDEC standard MO-300B. Utilizing a SATA II interface this SSD is unique in its mini PCIe form factor. The mSATA MO-300B is ideal for drives that are around the size of a business card, but not to be fooled by its size, the mSATA is far from a slacker when it comes to speed and performance. The mSATA supports transfer rates of up to 3.0 Gb/s making it archetypal for Military/Aerospace, Casino, and Industrial Medical applications to name a few. Most importantly the new mSATA requires less energy and leaves up to half the footprint of its predecessor in SATA.

Features:

- High-speed reliable performance
- Minimum 10 year data retention
- Built in wear leveling algorithm
- Built in error detection and correction
- Silent, no moving parts
- 100% tested HW and SW
- Designed and Manufactured in USA

Physical Specifications

mSATA	
Capacity	16GB – 128GB
Dimension	50.80mm x 29.85mm x Max 4.85mm
Interface	SATA-II (3Gbps)
NAND Flash	MLC
Power Supply	3.3V ± 10%
Operating Temp.	0°C - 70°C

Target Applications:

- Military/Aerospace
- Enterprise Computing
- Embedded/ Industrial System
- Medical Industry
- Casino Gaming

Performance Specifications

Capacity	Seq. Read Max (MB/sec)	Seq. Write Max (MB/sec)
16GB	70	25
32GB	115	45
64GB	160	80
128GB	160	80

Ordering Information

mSATA(MO-300B)	
16GB	SG16N75SM
32GB	SG32N75SM
64GB	SG64N85SM
128GB	SG28N95SM