



## Solid State Drive

2.5" Internal

The solid state drive range from MicroStorage is a low-cost, performance enhancing SSD family. It is the perfect option to upgrade machine storage cost-effectively. Deploying SSD technology in a system not only instantly improves the reliability of the machine, but also provides a noticeable boost to the way the computer accesses and uses files.

MicroStorage SSDs are faster, more reliable, and far more energy efficient than standard Hard Drives. Ultra-fast boot times, quicker application load times, and significantly lower power consumption are just some of the benefits of upgrading to a Solid State Drive.

### Features

- Noise and vibration free for completely silent computing
- Zero moving parts prevent mechanical malfunctions and extend product life
- S.M.A.R.T. self-monitoring attributes improve reliability
- SATA 3.1 compliant for improved performance

### Power Consumption

- Typical: (mW) <2.5W
- Sleep: 50mW

### Operating Temperature

0°C to 70°C

### Host Interface

- Industrial Standard SATA Revision 3/1 compliant
- Industrial Standard ATA/ATAPI-8 and ACS2 command compliant
- SATA 3.1 compliant, 6GB/s, 3GB/s and 1.5GB/s support
- Native Command Queuing: 32
- SATA Device Sleep (DevSleep)
- Data Set Management Command (TRIM)
- S.M.A.R.T. Attributes
- Supports PHY Sleep mode (CFastPHYSLP)
- Supports 28-bit and 48-bit LBA (Logical Block Addressing) mode commands

2.5"	Part No.	Read (up to)	Write (up to)	IOPS (up to)
120GB	MS-SSD-SATAIII-120GB	540	335	55,000
240GB	MS-SSD-SATAIII-240GB	550	460	75,000
480GB	MS-SSD-SATAIII-480GB	560	470	80,000
960GB	MS-SSD-SATAIII-960GB	520	470	80,000