



Industrial Grade

SSD

Solid State Drive

ADLINK industrial grade solid state drives (SSDs) are designed to provide high performance, low power consumption, high reliability and high capacity in 2.5", 1.8", mSATA and Half-Slim (MO-297) form factors. Optimized for high-throughput data transfers, ADLINK ASD SSDs are ideal for telecom server, defense, transportation and industrial applications.

Built on high speed SLC/MLC NAND flash and advanced controller technology, ADLINK ASD SATA 6 Gb/s SSDs deliver high speed sustained sequential read/write performance of up to 480 MB/s and 410 MB/s, respectively, with storage capacity of up to 512GB. By utilizing single level cell (SLC) NAND technology, the ADLINK SLC line of SSDs provides increased reliability, high MTBF and longer life cycle for mission critical applications.

Designed to industrial grade specifications, ADLINK ASD SSDs are available in both commercial (0°C to +70°C) and industrial (-40°C to +85°C) operating temperature ranges. Strict shock and vibration tests are performed to ensure that ADLINK ASD SSDs meet the needs of the most demanding applications.



Features

- SATA 6 Gb/s interface, backward compatible with SATA 3 Gb/s and 1.5 Gb/s
- High performance: Up to 480/410 MB/s sustained sequential read/write speed
- Toshiba 32nm SLC or 24nm MLC Toggle NAND
- From 32 GB to 512 GB, capacity in 2.5", 1.8" and mSATA form factor
- Real Performance – designed for and tested with realistic data sets resulting in consistent performance
- Clean Sweep Technology – junk data is continuously removed to ensure "clean state" read/write speeds
- High IOPS – select models feature >60,000 IOPS

Target Applications

- Telecom and datacenter servers
- Military
- Transportation
- Robotic systems
- ATM and kiosk
- Medical
- Industrial automation



Real performance



Clean sweep



High IOPS



24/32nm Toggle NAND



Wide Temperature



Shock & Vibration



SATA Interface



Flash Security ID



ASD25-SLC Series

2.5" SATA 6 Gb/s SSD with SLC NAND Flash

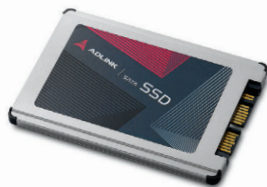
- Sustained read up to 420 MB/s
- Sustained write up to 380 MB/s
- Capacity: 32, 64, 128 GB
- SATA 6 Gb/s interface
- 32nm SLC Toggle NAND Flash for longer life
- Industrial Temperatures: -40°C~85°C
- Shock and vibration resistant



ASD26-MLC Series

2.5" SATA 6 Gb/s SSD with MLC NAND Flash

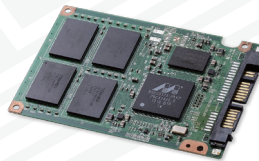
- Sustained read up to 480 MB/s
- Sustained write up to 410 MB/s
- Capacity: 32, 64, 128, 256, 512 GB
- SATA 6 Gb/s interface
- 24nm MLC Toggle NAND Flash
- High IOPS
- Shock and vibration resistant



ASD19-SLC/MLC Series

1.8" SATA 6 Gb/s SSD with SLC/MLC NAND Flash

- Sustained read up to 480 MB/s
- Sustained write up to 400 MB/s
- Capacity:
 - SLC: 32, 64, 128 GB
 - MLC: 128, 256, 512 GB
- SATA 6 Gb/s interface
- 24nm MLC or 32nm SLC Toggle NAND Flash
- Shock and vibration resistant
- High IOPS



ASD18-MLC Series

1.8" SATA 6 Gb/s SSD with MLC NAND Flash

- Sustained read up to 400 MB/s
- Sustained write up to 300 MB/s
- Capacity: 64, 128, 256 GB
- SATA 6 Gb/s interface
- 24nm MLC Toggle NAND Flash
- Shock and vibration resistant



ASDMS-MLC Series

mSATA SATA 6 Gb/s SSD with MLC NAND Flash

- Sustained read up to 400 MB/s
- Sustained write up to 200 MB/s
- Capacity: 64, 128 GB
- SATA 6 Gb/s interface
- 24nm MLC Toggle NAND Flash
- Shock and vibration resistant
- High IOPS



ASDHS-MLC Series

Half-Slim SATA 6 Gb/s SSD with MLC NAND Flash

- Sustained read up to 350 MB/s
- Sustained write up to 100 MB/s
- Capacity: 64 GB
- SATA 6 Gb/s interface
- 24nm MLC Toggle NAND Flash
- Shock and vibration resistant



1300 906 911

micromaxtechnology.com

info@micromaxtechnology.com