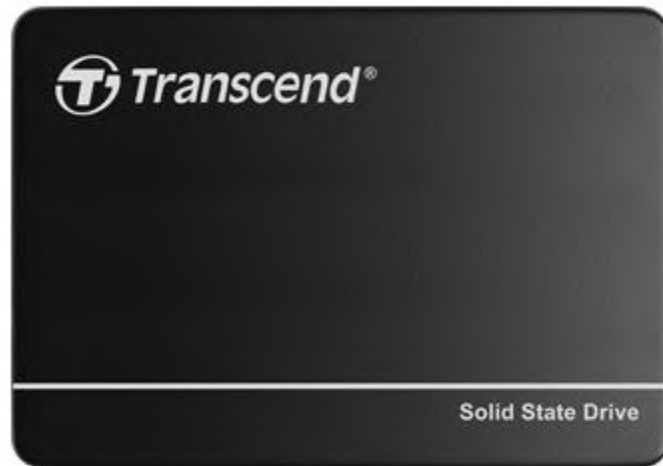


2.5" SATA III SSD



SSD510K

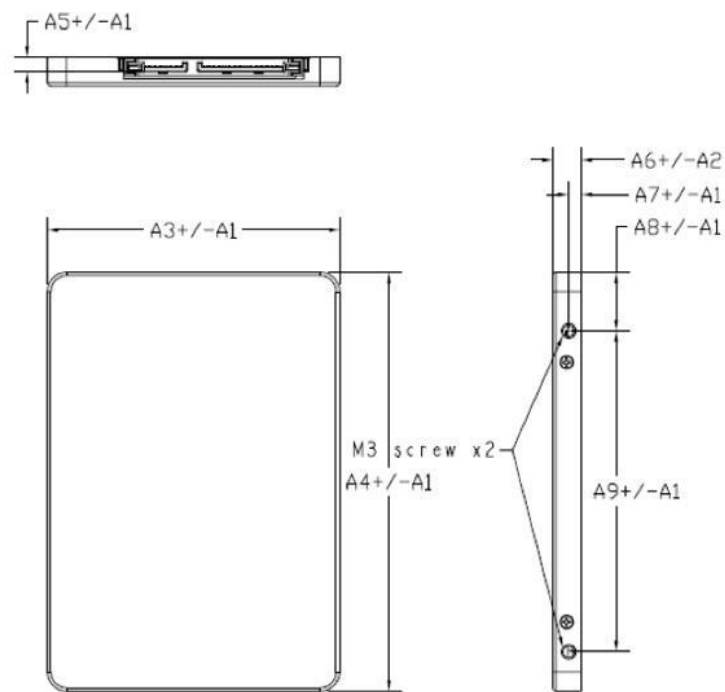
Featuring a SATA III 6Gb/s interface and a powerful controller, Transcend's SSD510K is an ideal high-speed, lightweight, and shockproof replacement for traditional rotating hard drives. Employing Transcend's exclusive SuperMLC technology, the SSD510K provides superior reliability and endurance nearly equivalent to SLC NAND flash, yet at a cost-effective price. The SSD510K is for use in industrial-grade applications, such as embedded automation computers, engineering machines, and fanless PCs.

Features

- Transcend exclusive SuperMLC technology
- Advanced Global Wear-Leveling and Block management for reliability

- Advanced Garbage Collection
- DDR3 DRAM Cache embedded
- Built-in ECC (Error Correction Code) functionality
- Power Shield embedded to prevent data loss in the event of sudden power outage
- DEVSLP mode
- Enhanced S.M.A.R.T. function
- RoHS compliant
- Shock resistance
- Slim, elegant and lightweight design

Specifications



Interface (connector)	SATA III 6Gb/s
Form Factor	2.5"
Flash Type	SuperMLC
Capacity(GB)	32GB / 64GB / 128GB / 256GB
Max. Performance (Vary by density)	Read: 570MB/s Write: 460MB/s
Op. Voltage(V)	5V±5%
Power Consumption (W)	3.1 W
Op. Temp.(°C)	0°C~70°C
Storage Temp.(°C)	-40°C~85°C
Humidity(%)	0%~95%

Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios.

For special applications and environments, it is strongly suggested to contact Transcend beforehand for clarification.