

2.5" SATA III SSD



SSD430K

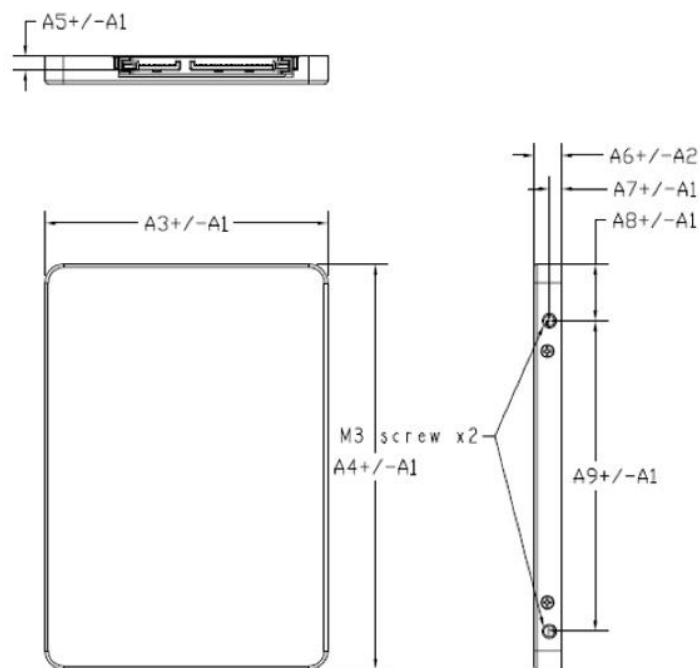
With the combination of larger storage capacity and lower production costs, Transcend's 3D TLC SSDs are the game-changer to the market, delivering endurance equivalent to what MLC-based solutions once prided themselves with. Featuring a SATA III 6Gb/s interface and utilizing 3D NAND flash, the SSD430K is the ideal high-speed, lightweight, and shockproof replacement for traditional rotating hard drives, all while being extra cost-effective and brought to you at an attractive price.

Features

- Advanced Global Wear-Leveling and Block management for reliability

- Advanced Garbage Collection
- Built-in LDPC 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
- Supports Trim and NCQ command
- Slim, elegant and lightweight design

Specifications



Interface (connector)	SATA III 6Gb/s, 22P
Form Factor	2.5"
Flash Type	3D TLC
Capacity(GB)	60GB / 120GB / 240GB / 480GB
Max. Performance (Vary by density)	Read: 550MB/s; Write: 500MB/s
Op. Voltage(V)	5V±5%
Power Consumption (W)	2.11W (Active), 0.66W (Idle)
Op. Temp.(°C)	0°C~70°C
Storage Temp.(°C)	-40°C~85°C
Humidity(%)	5%~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.