

2.5" SATA III SSD



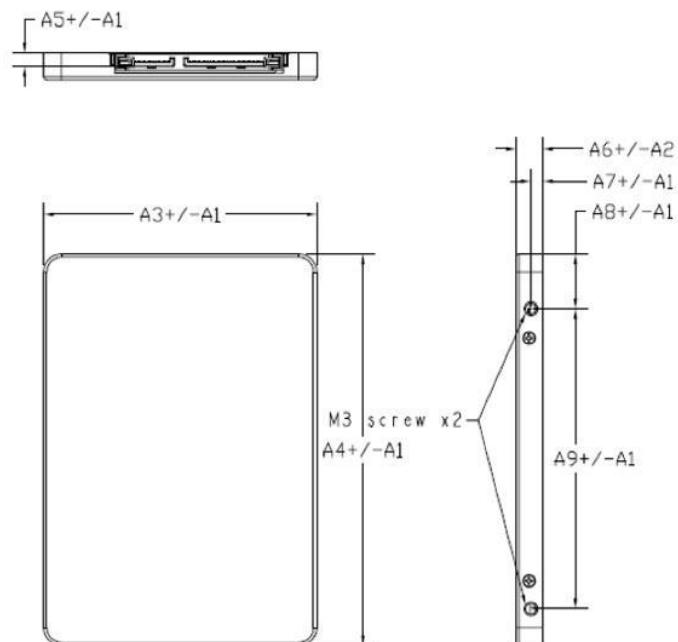
SSD410K

Featuring a SATA III 6Gb/s interface and a powerful controller, Transcend's SSD410K is an ideal high-speed, lightweight, and shockproof replacement for traditional rotating hard drives. The SSD410K features a non-DRAM layout, providing higher reliability and lower power consumption than SSDs with a DRAM cache. Using MLC NAND flash chips with built-in technology including Power Failure Protection, ECC, and DEVSLP mode, the SSD410K offers optimum protection to data integrity on industrial-grade applications, such as POS, gaming machines, vending machines, and secure systems.

Features

- Non-DRAM cache embedded
- Advanced Global Wear-Leveling and Block management for reliability
- Advanced Garbage Collection
- 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	MLC
Capacity(GB)	64GB / 128GB
Max. Performance (Vary by density)	Read: 540MB/s Write: 200MB/s
Op. Voltage(V)	5V±5%
Power Consumption (W)	3.67W (Active), 0.55W (Idle)
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.