

2.5" SATA III SSD



SSD570K

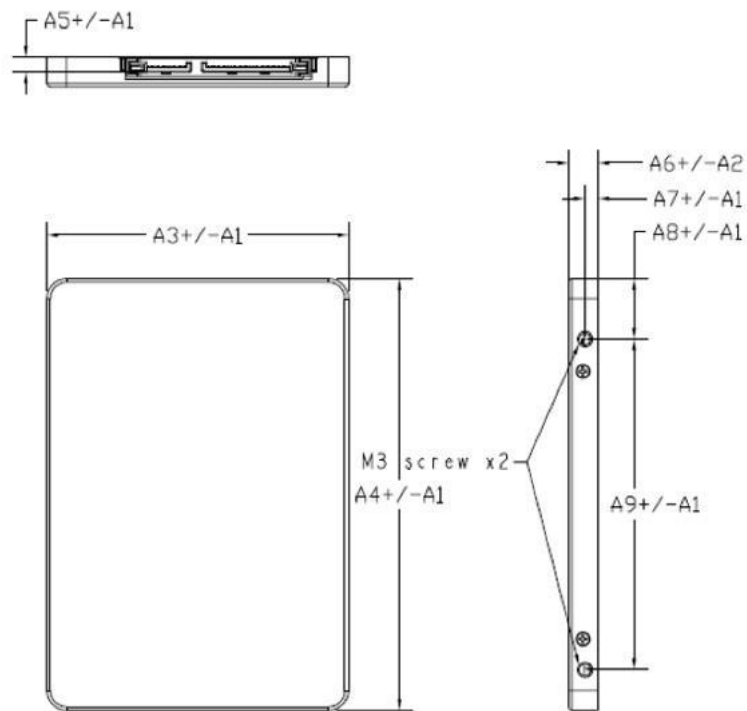
Featuring a SATA III 6Gb/s interface and a powerful controller, Transcend's SSD570K is an ideal high-speed, lightweight and shockproof replacement for traditional rotating hard drives. With built-in Intelligent Power Shield (IPS), Transcend's SSD570K provides extra protection to data integrity against sudden power failures or blackouts. Using SLC NAND flash chips, Transcend's SSD570K ensures superior performance and reliability for industrial-grade applications, such as embedded automation computers, engineering machines, and fanless PCs.

Features

- Advanced Global Wear-Leveling and Block management for reliability

- Advanced Garbage Collection
- DDR3 DRAM Cache embedded
- Built-in ECC (Error Correction Code) functionality
- 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	SLC
Capacity(GB)	8GB / 16GB / 32GB / 64GB / 128GB / 256GB
Max. Performance (Vary by density)	Read: 570MB/s Write: 500MB/s
Op. Voltage(V)	5V±5%
Power Consumption (W)	3.46W (Active), 0.3W (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.