

# TAS-25SHS

## 2.5" SATA-6Gpbs SLC Industrial grade SSD

### ■ Introduction:

TAICENN TAS-25SHS Series SSD is 2.5-inch SATA SLC NAND Solid-state-drive, which adapts Hyperstone A2 controller. The SSD provide really long-term stability and reliability. It supports power-loss protection based on the unique technology of 'Twin Concept'. The TAS-25SHS owns excellent motherboard compatibility and runs stably in different OS, which let it widely apply in industrial and embedded field.



### ■ Specification

<b>Form factor</b>	2.5" SATA
<b>Transfer mode</b>	SATA-I, SATA-II, SATA-III
<b>Capacity</b>	8, 16, 32, 64GB
<b>Flash type</b>	Micron SLC (single level cell) NAND Flash
<b>Sustained R/W</b>	8GB: 60/60 MB/s
	16GB: 100/100 MB/s
	32GB: 110/110 MB/s
	64GB: 110/110 MB/s
<b>Random IOPS</b>	8GB: 4000/50
	16GB: 6000/50
	32GB: 8000/50
	64GB: 8000/50
<b>Power Management</b>	5V SATA supply Support Hot Plug/Removal Function

<b>Power Consumption</b>	Active: 2W Idle/Sleep: 0.2W
<b>Reliability</b>	MBTF: 3 000 000 hours
<b>Shock Resistance</b>	1500G peak, 0.5ms, Half sine
<b>Vibration resistance</b>	20G peak, 20Hz to 2000Hz, Sine
<b>Altitude</b>	80 000 feet
<b>Applied Temperature</b>	Commercial grade: 0 ~ +70°C Industrial grade: -40 ~ +85°C Storage temperature: -55 ~ +95°C
<b>Dimension</b>	100mm x 70mm x 9.4mm (L x W x H)
<b>Weight</b>	85 g
<b>Warranty</b>	3 Years
<b>Industrial features</b>	Conformal coating Power loss Protection
<b>Certificate</b>	CE/FCC/ROHS

### ■ Ordering information:

Part no.	Description
TAS-25SHS-XC	2.5" SATA-III SSD, SLC NAND, Hyperstone A2 controller, 8GB/16GB/32GB/64GB, 0 ~ +70°C
TAS-25SHS-XM	2.5" SATA-III SSD, SLC NAND, Hyperstone A2 controller, 8GB/16GB/32GB/64GB, -40 ~ +85°C

X (different capacity): 8G/16G/32G/64G