

# mSATA SSD

Renice X5D pSLC mSATA SSD are highly reliable and cost effective storage devices based on the latest pSLC technology. It intends for embedded applications which require solid state disk in small, removable form factors. That demands extremely high performance and extend temperature range from -40°C to +85°C, withstand demanding environment of high shock and vibration.



Specification		X5D
Interface		SATAIII 6.0Gbps
Form Factor		mSATA
Max. R/W		560/500MB/s
Capacity		64GB-512GB
NAND Flash		pSLC (30,000 P/E cycle)
DRAM		√
Data Integrity	Power Failure Protection	√
	Advanced Error Detection & Correction	√
Reliability	Shock	1500G, 1ms (half-sine wave, ±X,±Y,±Z axis, 1 time/axis)
	Vibration	10G,10-2000Hz
	Operating Temperature	-40°C~+85°C
Durability	Wear-leveling/ GC	√
	TRIM/ NCQ	√
	MTBF	>2,000,000 hours
FIX BOM Supply		More than 5 years

### Recommend Applications

- Embedded storage system
- Industrial computing
- Marine navigation