

The mSATA disk is fully MO-300 compliant and Half-slim SATA disk is MO-297 compliant. Renice mSATA and Half-slim SSDs provide stable SATA 6Gbps performance, high density and readily operation in wide temperature from -40°C to 85°C. Combined power-failure protection and data secure erase function, they are fully suitable for embedded storage devices and industrial computing.



Specification

Interface	SATAIII 6.0Gbps	
Form Factor	mSATA	
Max Sequential R/W	500/440MB/s	530/520MB/s
Capacity	16GB-128GB	480GB-960GB
NAND Flash	SLC	3D TLC
DRAM	✓	
Data Integrity	Power-off Protect	✓
	Advanced Error Detection & Correction	✓
Security	AES 256 Encryption	Optional
	TCG OPAL 2.0	Optional
	Secure Erase	Optional
Reliability	Shock	1500G, 0.5ms (half-sine wave, ±X,±Y,±Z axis, 1 time/axis)
	Operating Temperature	-40°C~+85°C
Durability	Wear-leveling/ GC	✓
	TRIM/ NCQ	✓
	MTBF	>3,000,000 hours
FIX BOM Supply	More than 5 years	