

M.2 SSD is designed for applications required reliable SSD but small footprint. Renice industrial M.2 SSD with SATA3 interface, and is available in sizes of 2242, 2260 and 2280.

Renice X10B high capacity SSD are designed for primary storage applications that require high reliability with sustainable low-latency and high IOPS performance. The PCIe SSD is using 1-bit-per-cell NAND configuration, making it well-suited for write intensive application used in wide temperature (-40°C to +85°C) and high stress environments, such as rail transportation, aerospace, storage accelerators and data communication applications.



Specification		X10B	
Interface		SATAIII 6.0Gbps	PCIe 4.0x4
Form Factor		M.2 2280	
Max. R/W		500/440MB/s	3,200/3,000MB/s
Capacity		256GB-8TB	960GB-8TB
NAND Flash		3D-TLC	pSLC, 3D-TLC
DRAM		✓	✓
	Power-off Protect	✓	✓
Data Integrity	Advanced Error Detection & Correction	✓	✓
	AES 256 Encryption		Optional
Security	TCG OPAL 2.0		Optional
	Secure Erase (ATA)	✓	✓
Reliability	Shock	1500G, 0.5ms (half-sine wave, ±X,±Y,±Z axis, 1 time/axis)	
	Operating Temperature	-40°C~+85°C	
	Wear-leveling/ GC	✓	
Durability	TRIM/ NCQ	✓	
	MTBF	>3,000,000 hours	>2,000,000 hours
FIX BOM Supply		More than 5 years	