

2.5" SATA SSD



Parhelia B.V.
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Renice industrial 2.5" SSD design with SATA 6Gbps performance, adopt best-in-class endurance SLC, planar MLC and latest 3D-TLC NAND chips make they are ideal solutions for embedded applications requiring reliable and long service life storage. All products feature Renice proven power failure protection, data management, SMART monitoring, NCQ, TRIM, advanced wear leveling, bad block management, and data secured AES encryption, fast secure erase and physical destruction functionality.



Specification		X10B
Interface		SATAIII
Form Factor		2.5"
Max. R/W		520/500MB/s
Capacity	128GB-512GB	480GB-8TB
NAND Flash	pSLC (50,000 P/E Cycles)	3D TLC
DRAM		√
	Power-off Protect	√
Data Integrity	Advanced Error Detection & Correction	√
	AES 256 Encryption	Optional
Security	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
	Thermal Adaptive	√
Durability	Wear-leveling/ GC/ TRIM/ NCQ	√
	MTBF	>2,000,000 hours
FIX BOM Supply		More than 5 years



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