

Renice X9 3U VPX SSD Solution

- New Product



Renice 3U VPX Solid State Drive demonstrates a highly-reliable storage solution for real-time signal acquisition, processing, storage and playback. Implementations include: satellite navigation and communication, radar stations, aviation, naval, military, vehicle and off-site experiment.

Renice 3U VPX SSD deploys self-developed RS3502-IT controller with ECC up to 80bit@1KByte. On board there are 56PCs of military grade tantalum capacitors to support  power failure protection.

Product Family		X9 Series
Interface		SATAIII (6Gbps), Two channel SATA
Capacity		MLC up to 4TB, SLC up to 2TB
Performance		Max R/W Performance: 550MB/ 500MB/s
Form Factor		3U (170.6mmx100.0mmx20.83mm) LxWxH
Operation Temperature		-40°C ~+85°C
Input Voltage		5V ± 10%
Advanced Features	TRIM Support	YES
	SMART Support	YES
	NCQ	YES
	Power Failure Protection	YES
	Over Voltage & Inrush protection	YES
	AES-256bit Encryption	YES
	Secure Erase & Quick Erase	YES
Physical Destruction		YES
Reliability	ECC	80bits in 1Kbytes
	Wear-Leveling	Dynamic/ Static
	MTBF	> 3,500,000 Hours @25c
Fixed BOM & Long Term Availability		YES
Release Data		Q2, 2017

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