iNNoDISK®
Beyond your imagination

SATADOM
Nano SATA SSD
128GB
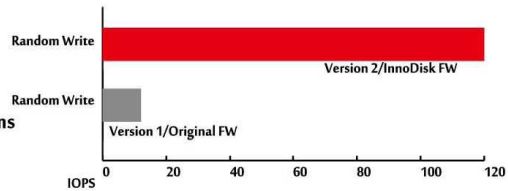i-60

the best solution
Industrial Storage device

www.innodisk.com

embedded

FiD 2.5"
SATA 20000

InnoDisk announces FiD 2.5" SATA 20000 SSD with capacity up to 512GB. The new InnoDisk FiD 2.5" SATA 20000 SSD comes in R, H, and X series, that offer outstanding performance and excellent reliability. The R and H series flexibly provide customized functions, including SMART (Self-monitoring, analysis, and reporting technology) and security in both hardware and software. The X series can achieve IOPS over 10000 with file size 4KB.

- Ultra Speed up to 230MB/sec
- High Capacity up to 512GB
- Secure Functions for Software and Hardware
- Incredible IOPS over 10000 @ file size 4KB in X series
- Resistance to Shock and Vibration
- SMART: own AP to monitor the health of the SSD
- Customized firmware available for customer applications

FiD 2.5" SATA 20000 Series

Random Write — Version 2/InnoDisk FW

Random Write — Version 1/Original FW

IOPS: 0 20 40 60 80 100 120

SATA 20000 Specifications

Item	FiD SATA 20000-R	FiD SATA 20000-H	FiD SATA 20000-X
Capacity	SLC: 16GB~128GB MLC: 256GB	256GB(SLC)/512GB(MLC)	SLC: 32GB~128GB, MLC: 256GB
Interface	SATA II	SATA II	SATA II
Performance	Version 1	Version 1	
Sequential	230MB/sec. (max.)/ 160MB/sec. (max.)	230MB/sec. (max.)/ 160MB/sec. (max.)	240MB/sec. (max.)
Read/Write	Version 2	Version 2	170MB/sec. (max.)
	165MB/sec. (max.)/ 90MB/sec. (max.)	165MB/sec. (max.)/ 90MB/sec. (max.)	
IOPS@4KB	Version 1	Version 1	
Random	5130 (max.)/12(max.)	5130 (max.)/12(max.)	10450 (max.)
Read/Write	Version 2	Version 2	5500 (max.)
	1710 (max.)/120(max.)	1710 (max.)/120(max.)	
Operation Temperature	0°C~+70°C(Standard); -40°C~+85°C(Industrial)		
Dimension (WxLxH)	69.63 x 99.88 x 9.3mm	70.09 x 100.34 x 11mm	69.63 x 99.88 x 9.3mm
Optional functions			
SMART	Support/Ver. 1, Ver. 2	Support/Ver. 1, Ver. 2	Support
Security	Support, customized functions/Ver. 2	Support, customized functions/Ver. 2	N/A