

Never Experienced Technology, SH910

세계적인 반도체 기술의 선두기업 SK하이닉스가 자체 보유한 NAND 플래시 메모리 기술력을 바탕으로 “더 빠르고, 더 안정적이고, 더 좋은 성능을 가진” 새로운 PC 라이프를 경험하게 해줄 SSD를 여러분 앞에 선보입니다.

High Performance SATA 6Gbps based SSD 2.5" & mSATA Form Factor

SSD F/F	2.5" SSD	mSATA SSD	
Interface	SATA 6.0Gbps	SATA 6.0Gbps	SATA 3.0Gbps
Connector	2.5": Standard SATA	Mini PCIe	Mini PCIe
Capacities (OP 0%)	128/256GB	64/128GB	32GB
Dimension (typ.)	2.5": 69.9 x 100 x 7(9.5) mm	30 x 50.95 x 3.6(3.0)mm	30 x 50.95 x 3.0mm
Sequential Performance -256KB, MAX **	Read: 510MB/s (MAX) Write: 470MB/s (MAX)	Read: 505MB/s (MAX) Write: 470MB/s (MAX)	Read: 260MB/s (MAX) Write: 250MB/s (MAX)
Random Performance -4KB, MAX **	Read: 55K IOPS (MAX) Write: 85K IOPS (MAX)	Read: 21K IOPS (MAX) Write: 37K IOPS (MAX)	Read: 12K IOPS (MAX) Write: 44K IOPS (MAX)
Power Consumption	Active: 0.82W Idle: 0.26W (typ)	Active: 0.52W Idle: 0.23W (typ)	Active: 0.43W Idle: 0.23W (typ)
Voltage	5.0V±5%	3.3V±5%	
Temperature Range Operating, (Storage)	0°C to 70°C (-55°C to 95°C)	0°C to 70°C (-55°C to 95°C)	
MTBF	1.5M	1.5M	
BER	1 error in 10 ¹⁵ bits transferred	1 error in 10 ¹⁵ bits transferred	

** Performance / Power Consumption, Measured by IOMETER 2008 / MobileMark* 2007 **

- AES-128 Encryption
- Native Command Queuing
- S.M.A.R.T. Command
- No External DRAM
- Superior Wear Leveling
- Power Failure Protection
- Intelligent Read Disturb Mgmt.



High-speed Data Processing

랜덤 읽기 최대 55,000 IOPS, Sequential 읽기 최대 510MB/s 로 PC를 켜는 그 순간부터 달라진 속도를 체감할 수 있습니다.



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