

KingSpec 1.8" IDE PATA SSD MLC

Einer der schnellsten 1.8" 44 Pin SSDs der Welt. Beste Leistung, Geschwindigkeit schreiben und lesen, lautlos, perfekte Stabilität, Haltbarkeit und Kompatibilität.

General	Form factor	1.8"				
	interface	IDE44Pin(ATA7)				
Performance	Capacity(GB)	8 GB	16 GB	32 GB	64 GB	128 GB
	Sustained Read	40 MB/S	80 MB/S	83 MB/S	83 MB/S	83 MB/S
	Sustained Write	12 MB/S	25 MB/S	54 MB/S	54 MB/S	54 MB/S
	Random IOPS	5,031				
	Average Access time	0.2 ms				
Storage Media	NAND Flash	MLC-NAND Flash				
Power Consumption	input Voltage	3.3 V or 5 V \pm 5%				
	Idle	0.5 W				
	Active	1.25 W				
Reliability& Endurance	Write endurance	80year 10 GB write and erase per day at 128 GB				
	Read endurance	unlimited				
	Wear-Leveling Algorithm	Dynamic and static wear-leveling				
	Data Retention	10years at 25°C				
	MTBF	1,000,000 hours				
	ECC	Supports BCH ECC 8bits or 15bits in 512 bytes				
	Bad Block Management	Auto Bad Block Management in system				
Environment	Operating Temperature	0 ~ 70°C				
	Non-operating Temperature	- 40 ~ 85° C				
	Shock	2,000G(@0.3ms half sine wave)				
	Vibration	20G (40-2000HZ)				
	Humidity	5 - 95%				
Warranty	2years					
Available unit	Available, NO EOL					
Testing Platform	AMD Athlon 64 3000+ 1.8GHz , DDR2 PC2-5300 512MB \times 2pcs double channel. RAM , NVIDIA nForce520 chipset , Microsoft Windows XP Professional SP3					
Testing Software	HDBench3.4.0.3, IO Meter 2006.07.27					
Physical Dimensions & Weight	Height(mm)	6.5 \pm 0.25				
	Width(mm)	60 \pm 0.25				
	Length(mm)	70 \pm 0.25				
	Weight(g)	7,0				