

## Kingspec 16GB DOM (Disk On Module)



16 GB DOM (Disk On Module) 4Kanal 44Pin IDE (Female) Schnittstelle. Ausdauer Lesen: unbegrenzt. Wear-Leveling Algorithmus: Dynamische und statisches Wear-leveling. Vorratsdatenspeicherung: 10 Jahre bei 25° C. MTBF: 1.000.000 Stunden. ECC: Unterstützt BCH ECC 8bits oder 15bits in 512 Byte Sektoren. Bad Block Management: Auto Bad Block Management System

General	Interface	44PIN IDE Socket
Performance	Sustained Read	79 MB/S
	Sustained Write	31 MB/S
	4KB Sequential Read IOPS	4311
	4KB Sequential Write IOPS	647
	Average Access time	0.3 ms
Storage Media	NAND FLASH	MLC
Power Consumption	Input Voltage	3.3 V
	Idle	0.0005 W
	Active	0.45 W
	Read endurance	Unlimited
	Wear-Leveling Algorithm	Dynamic and static wear-leveling
	Data Retention	10 years at 25°C
	MTBF	1.000.000 hours
	ECC	Supports BCH ECC 8bits or 15bits in 512 bytes
Environment	Bad block Management	Auto bad block management in system
	Operating Temperature	0 - 70°C
	Non-operating temperature	- 40 -85°C
	Shock	2,000G(@0.3ms half sine wave)
	Vibration	20G (40-2000HZA)
Humidity	5 - 95%	
Testing Platform	CPU:AMD Athlon 64×2 5200+ 2.7GHz, SDRAM:DDR2 800 (PC6400) 2048 MB×1PCS, Mainboard: AMD RS780 (ATI Radeon HD 3200 Graphics) System: Microsoft Windows XP Professional SP2	
Testing Software	HDBench3.4.0.3, IOMeter	
Size & Weight	Size	45 x 28 x 7 mm
	Weight	8 g