

TOSHIBA

For all your data storage needs...

MK4004GAH MK2004GAL 1.8-inch Hard Disk Drive

Features Include: Ramp Load Technology, Low Power Consumption, Shock Tolerance, Lightweight, ATA-5 Interface, 20GB per Platter Technology

Toshiba Storage Device Division leads the market in the development, design and manufacturing of DVD-RAM, DVD-ROM, Combination drives and PC Card & mobile hard disk drives. SDD markets high-quality peripherals to original equipment manufacturers, value-added resellers, value-added dealers, system integrators and distributors in Europe. Inherent in the company's product line is high-quality engineering and manufacturing

	40GB	20GB
Data Storage Capacity		
Number of Platters	2	1
Number of Heads	4	2
Bytes/Sector	512	512
Rotational Speed (rpm)	4200	4200
Average Latency (msec)	7.14	7.14
Data Transfer Rate		
	UDMA-100	UDMA-100
Access Times		
Average Seek Time (msec)	15	15
Track-to-Track (msec)	3	3
Maximum (msec)	26	26
Interface		
Type	ATA-5	ATA-5
Buffer Memory (KB)	2048	2048
Nominal Power Requirements (Watts)		
Sleep (typical)	0.08	0.08
Standby (typical)	0.2	0.2
Reading/Writing (typical)	1.4	1.4
Seeking (typical)	1.4	1.4
Start (max)	1.3	1.2
Voltage (Volts)	3.3	3.3
Physical & Environmental Specifications		
Dimensions (mm)		
Height	8.00	5.00
Width	54.0	54.0
Depth	78.5	78.5
Weight (gram)	62	62
Ambient Temperature (degC)		
Operating	5—60	5—60
Non-Operating	-20—+65	-20—+65
Acoustic Noise (dB)		
Idle Mode	24	22
MTTF (hrs)	300,000	300,000
Shock (G)		
Operating	250	250
Non-Operating	1000	1000
Vibration (G)		
Operating	1	1
Non-Operating (G)	5	5

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