



**MK5055GSX**  
**2.5-inch SATA HDD**

**Key Advantages:**

- 5400 rpm drives deliver higher performance
- Low power consumption lets NBs work longer
- Super-quiet Seek Technology

**Applications:**

- Notebooks and small form factor PCs
- External storage
- Set-top boxes
- And more digital applications

**Specifications:**

<b>Data Storage Capacity:</b>	
Per drive, Formatted	500 GB
Number of Platters	2
Number of Heads	4
Bytes/ Sector	512
Rotational Speed (rpm)	5400
<b>Average Seek Time:</b>	
	msec
Track-to-Track	2
Average	12
Maximum	22
<b>Interface:</b>	
Type	SATA 2.6 / ATA- 8
Buffer (MB)	8
Data Transfer Rate:	Max.3Gbit/sec
<b>Nominal Power Requirements:</b>	
Voltage (V); Supply	+5V (5%)
Sleep (Watts)	0.13
Standby (Watts)	0.18
Read (Watts)	1.9
Write (Watts)	1.9
Start-up (Watts)	4.5

<b>Physical &amp; Environmental Specifications Dimensions -mm:</b>	
Height	9.5
Width	69,85
Depth	100
Weight	101 g
<b>Ambient Temperature °C :</b>	
Operating	5°~55°
Non-Operating	-40°~60°
<b>Vibration and Shock:</b>	
Operating Vibration	1.0 G with 5-500Hz
Operating Shock	400 G 2 msec
Non-Operating	900 G 1msec
Acoustic Noise (Random Seek)	25 dBA
<b>Reliability Characteristics:</b>	
MTTF	600,000 hours

