



## Seagate Desktop HDD 40GB HDD 3.5" Ultra-ATA/100

**Brand :** Seagate

**Product family:** Desktop HDD

**Product code:** ST340016A

**Product name :** 40GB HDD

40GB HDD, DMA/ATA-100 (Ultra), 7200Rpm

[Seagate Desktop HDD 40GB HDD 3.5" Ultra-ATA/100:](#)

Seagate offers you the fastest PC hard drive ever, the Barracuda ATA IV. The kicker: a revolutionary Fluid Dynamic Bearing (FDB) motor makes the super-fast drive the world's only virtually silent hard drive. Barracuda ATA IV is the only desktop disk drive shipping exclusively with FDB motors - a technology that will also enable engineers to fit more data on a disk surface and increase hard drive spin speeds far beyond what traditional motors allow. Using the most advanced data density technology in the industry, Barracuda ATA IV is the first 7,200-rpm disk drive to achieve 80 GB giving Seagate a significant advantage in the high-performance PC storage market. The drive's record-breaking internal transfer rate is fast enough to copy an hour of MP3 music in one second. Barracuda ATA IV is fast enough to stream eight movies simultaneously, in DVD quality, without dropping a frame.



Features		Power	
HDD size *	3.5"	Operating voltage	5 / 12 V
HDD capacity *	40 GB	Start-up current	2.8 A
HDD speed *	7200 RPM	<b>Operational conditions</b>	
Interface *	Ultra-ATA/100	Operating temperature (T-T)	0 - 60 °C
Type *	HDD	Storage temperature (T-T)	-40 - 70 °C
Storage drive buffer size	2 MB	Operating relative humidity (H-H)	5 - 90%
HDD number of heads	2	Storage relative humidity (H-H)	5 - 95%
Read seek time	9 ms	Operating vibration	0.5 G
Write seek time	10 ms	Non-operating vibration	5 G
Track to track seek time	1.2 ms	Operating altitude	-198.12 - 3048 m
Average seek time	9 ms	Non-operating altitude	-198.12 - 12192 m
Average latency	4.16 ms	Operating shock	63 G
Bytes per sector	512	Non-operating shock	350 G
Start/stop cycles	50000	<b>Weight &amp; dimensions</b>	
Mean time between failures (MTBF)	600000 h	Width	101.8 mm
<b>Power</b>		Height	26.1 mm
Power consumption (typical)	13 W	Depth	147 mm
Power consumption (standby)	1.3 W	Weight	635 g
Power consumption (idle)	9.8 W		

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