



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

**Brand :** Seagate

**Product family:** U-series

**Product code:** ST340823A

**Product name :** 40GB HDD

40GB HDD, ULTRA ATA/100, 5400rpm, 1MB Cache

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

On drives less than 33.8GB, Limit Capacity jumper sets the default cylinder translation to 4092 to solve issues with certain BIOS that only auto-detect. Total available sectors are still at full capacity as reported via Identify Drive data words 52 - 61. On drives greater than 33.8GB, Limit Capacity jumper changes total available sectors as reported via Identify Drive data words 60-61 to 33.8GB. The ATA Set Features F1 sub-command will cause Identify Data words 60-61 to report the true full capacity. Third party partitioning software may be needed to achieve full capacity when using this option jumper. Seagate U-series 40GB HDD. HDD size: 3.5", HDD capacity: 40 GB, HDD speed: 5400 RPM



Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	0 - 60 °C
HDD capacity *	40 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	5400 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Ultra-ATA/100	Storage relative humidity (H-H)	5 - 95%
Type *	HDD	Operating vibration	0.5 G
Storage drive buffer size	1 MB	Non-operating vibration	5 G
HDD number of heads	4	Operating altitude	-198 - 3048 m
Read seek time	9.9 ms	Non-operating altitude	-198 - 12192 m
Write seek time	10.9 ms	Operating shock	63 G
Full stroke seek time	24 ms	Non-operating shock	350 G
Track to track seek time	1.2 ms	<b>Weight &amp; dimensions</b>	
Average seek time	8.9 ms	Width	101.8 mm
Average latency	5.55 ms	Height	26.1 mm
Bytes per sector	512	Depth	147 mm
Start/stop cycles	50000	Weight	590 g
Mean time between failures (MTBF)	500000 h	<b>Other features</b>	
<b>Power</b>		Drive devices burst data transfer rate (DMA)	2
Power consumption (typical)	9.6 W	Drive devices burst data transfer rate (PIO)	4
Power consumption (standby)	1.4 W	Drive devices burst data transfer rate (Ultra DMA)	5
Power consumption (read)	7.1 W	Drive ready time	10 s
Power consumption (write)	7.1 W		
Power consumption (idle)	4.8 W		
Operating voltage	5 / 12 V		
Start-up current	1.4 A		

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