

## Seagate Desktop HDD 750GB 3.5" SATA II 3.5" Serial ATA II

**Brand :** Seagate

**Product family:** Desktop HDD

**Product code:** ST3750840AS

**Product name :** 750GB 3.5" SATA II

Barracuda 7200.10 750GB 3.5" SATA II

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The Seagate Barracuda 7200.10 desktop hard drive features innovative perpendicular recording technology and is the first drive on the market to provide capacities up to 750 GB. Barracuda 7200.10 hard drives deliver superb performance, efficiency, speed and durability for all your application needs.



### Key Features and Benefits

- SATA 3Gb/s interface
- Perpendicular recording technology for maximum drive capacity and reliability
- 8-MB cache buffer
- Ultra-fast performance
- Superb reliability
- Whisper-quiet operation
- Enhanced G-Force Protection against handling damage
- 78 MB/s maximum sustained data transfer rate
- Clean Sweep calibration and Directed Offline scan diagnostics
- RoHS (restriction of hazardous substances) compliant
- 5-year warranty

### Applications

- Gaming PCs
- Workstations
- High-end PCs
- Desktop RAID
- Mainstream PCs
- xATA servers
- USB/FireWire/eSATA external storage

Features		Power	
HDD size *	3.5"	Operating voltage	5 / 12 V
HDD capacity *	750 GB	Start-up current	2.8 A
HDD speed *	7200 RPM	<b>Operational conditions</b>	
Interface *	Serial ATA II	Operating temperature (T-T)	0 - 60 °C
Type *	HDD	Storage temperature (T-T)	-40 - 70 °C
Storage drive buffer size	8 MB	Operating relative humidity (H-H)	5 - 90%
Read seek time	8.5 ms	Storage relative humidity (H-H)	5 - 95%
Write seek time	10 ms	Operating altitude	-60.96 - 3048 m
Average latency	4.16 ms	Non-operating altitude	-60.96 - 12192 m
Start/stop cycles	50000	Operating shock	68 G
Mean time between failures (MTBF)	700000 h	Non-operating shock	300 G
Windows operating systems supported	✓	<b>Weight &amp; dimensions</b>	
Linux operating systems supported	✓	Width	101.6 mm
		Height	26.1 mm
		Depth	147 mm
		Weight	720 g

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