

## Seagate Desktop HDD 500GB 3.5" SATA II 3.5" Serial ATA II

**Brand :** Seagate

**Product family:** Desktop HDD

**Product code:** ST3500630NS

**Product name :** 500GB 3.5" SATA II

Barracuda ES 500GB 3.5" SATA II

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Barracuda ES is a new family of high-capacity enterprise drives, providing 50 percent more storage space than comparable drives in the same system form factor. Barracuda ES drives leverage unparalleled Seagate enterprise technology to deliver the industry's highest 7200-RPM reliability for 24x7 business-critical applications.

### - Industry's Highest Reliability

Barracuda ES boasts the highest reliability of any 7200-RPM drive in the industry and is specifically designed for 24x7 business-critical applications.

### - Optimized For Enterprise Storage Environments

Best-in-class rotational vibration tolerance ensures unrivalled performance in high-density applications, and multidrive firmware maximizes system availability.

### - Breakthrough Capacity

Perpendicular recording technology enables Barracuda ES SATA drives to deliver 500GB capacity in a single disc drive.

Seagate Desktop HDD 500GB 3.5" SATA II. HDD size: 3.5", HDD capacity: 500 GB, HDD speed: 7200 RPM



Features		Operational conditions	
HDD size *	3.5"	Operating temperature (T-T)	0 - 60 °C
HDD capacity *	500 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	7200 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Serial ATA II	Storage relative humidity (H-H)	5 - 95%
Type *	HDD	Operating altitude	-60.96 - 3048 m
Storage drive buffer size	16 MB	Non-operating altitude	-60.96 - 12192 m
Read seek time	10 ms	Operating shock	63 G
Write seek time	8.5 ms	Non-operating shock	225 G
Average latency	4.16 ms	Weight & dimensions	
Bytes per sector	512	Width	101.6 mm
Start/stop cycles	50000	Height	26.1 mm
Windows operating systems supported	✓	Depth	147 mm
Linux operating systems supported	✓	Weight	635 g
Power		Other features	
Operating voltage	5 / 12 V	Acoustic pressure emissions	3.7 dB
Start-up current	2.8 A		

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