

## Seagate Desktop HDD 120GB HDD 3.5" Serial ATA



**Brand :** Seagate

**Product family:** Desktop HDD

**Product code:** ST3120023AS

**Product name :** 120GB HDD

120GB HDD, SATA, 7200Rpm, 8MB Cashe

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Seagate's Barracuda ATA V with Serial ATA Interface leverages the mechanics of the industry's quietest 7200 rpm desktop drive. The Barracuda ATA V offers 80GB and 120GB capacities with an 8MB cache for mainstream, high performance PCs, and entry-level servers. The product features all FDB motors, superior reliability and the next generation interface - Serial ATA. The SATA Barracuda includes Seagate's exclusive 3D Defense System and a one-year limited warranty.

Seagate Desktop HDD 120GB HDD. HDD size: 3.5", HDD capacity: 120 GB, HDD speed: 7200 RPM

Features		Power	
HDD size *	3.5"	Power consumption (idle)	9.5 W
HDD capacity *	120 GB	Operating voltage	5 / 12 V
HDD speed *	7200 RPM	Start-up current	2.8 A
Interface *	Serial ATA	<b>Operational conditions</b>	
Type *	HDD	Operating temperature (T-T)	0 - 60 °C
Storage drive buffer size	8 MB	Storage temperature (T-T)	-40 - 70 °C
HDD number of heads	4	Operating relative humidity (H-H)	5 - 90%
Read seek time	9.4 ms	Storage relative humidity (H-H)	5 - 95%
Write seek time	10.5 ms	Operating vibration	0.5 G
Average seek time	9.4 ms	Non-operating vibration	5 G
Average latency	4.16 ms	Operating altitude	-198.12 - 3048 m
Bytes per sector	512	Non-operating altitude	-198.12 - 12192 m
Start/stop cycles	50000	Operating shock	63 G
Mean time between failures (MTBF)	600000 h	Non-operating shock	350 G
<b>Power</b>		<b>Weight &amp; dimensions</b>	
Power consumption (typical)	13.5 W	Width	101.8 mm
Power consumption (standby)	1.8 W	Height	26.1 mm
Power consumption (PowerSave)	1.8 W	Depth	147 mm
		Weight	635 g

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