



## Seagate Momentus 320GB 2.5" SATA II 2.5" Serial ATA II

**Brand :** Seagate

**Product family:** Momentus

**Product code:** ST320LT007

**Product name :** 320GB 2.5"  
SATA II

Momentus 320GB 2.5" SATA II

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### Best-Fit Applications

- Entry-level to high-performance laptops
  - Netbooks
  - Ultraportables
  - Slim consumer electronics devices
  
  - Thin 7mm profile for slim laptop designs
  - Seagate SmartAlign™ technology provides a transition to 4K sectors without the need for software utilities.
  - 320GB, 250GB and 160GB capacity options for fully functional computing
  - 16MB cache, 7200-RPM and 5400-RPM spin speed delivers comprehensive performance.
  - Seagate Self-Encrypting Drives deliver government-grade encryption without performance degradation - protecting your data where it lives. The FIPS 140-2\* options are TCG Opal specification with NIST government-validated for both U.S. and Canadian usage with sensitive data.
- Seagate Momentus 320GB 2.5" SATA II. HDD size: 2.5", HDD capacity: 320 GB, HDD speed: 7200 RPM



Features		Power	
HDD size *	2.5"	Power consumption (idle)	0.66 W
HDD capacity *	320 GB	Operating voltage	5 V
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
Component for *	Laptop	Operating shock	350 G
Storage drive buffer size	16 MB	Non-operating shock	1000 G
Bytes per sector	4096	<b>Weight &amp; dimensions</b>	
Start/stop cycles	600000	Width	70.1 mm
<b>Power</b>		Height	7 mm
Power consumption (typical)	1.6 W	Depth	100.5 mm
		Weight	92 g

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