



Seagate Momentus ST320LT014 internal hard drive 2.5" 320 GB Serial ATA II



Brand : Seagate

Product family: Momentus

Product code: ST320LT014

Product name : ST320LT014

320Gb, SATAII, 2.5", 7200 RPM, 3Gb/s, Encryption

[Seagate Momentus ST320LT014 internal hard drive 2.5" 320 GB Serial ATA II:](#)

Best-Fit Applications

- Entry-level to high-performance laptops
 - Netbooks
 - Ultraportables
 - Slim consumer electronics devices
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- 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 ST320LT014. HDD size: 2.5", HDD capacity: 320 GB, HDD speed: 7200 RPM

Features		Power	
HDD size *	2.5"	Operating voltage	5 V
HDD capacity *	320 GB	Operational conditions	
HDD speed *	7200 RPM	Operating temperature (T-T)	0 - 60 °C
Interface *	Serial ATA II	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
Average latency	4.17 ms	Weight & dimensions	
Bytes per sector	4096	Width	70.1 mm
Native Command Queuing (NCQ)	✓	Height	7 mm
Power		Depth	100.5 mm
Power consumption (read)	1.30 W	Weight	92 g
Power consumption (write)	1.30 W	Other features	
Power consumption (idle)	0.66 W	Internal	✓
		Data transfer rate	3 Gbit/s

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