



Seagate Constellation 160GB 2.5" SATA II 2.5" Serial ATA II

Brand : Seagate

Product family: Constellation

Product code: ST9160511NS

Product name : 160GB 2.5"
SATA II

160GB 2.5" SATA II

Seagate Constellation 160GB 2.5" SATA II 2.5" Serial ATA II:

- First 2.5-inch, 15mm nearline drive for space-constrained data centers
- Lowest operating power and enhanced PowerChoice™ power options for unprecedented power savings (up to 54%—as low as 1.1W) during idle
- The highest-reliability 7200-RPM drive, designed for 24x7 operation
- Best-in-class rotational vibration tolerance ensures unrivalled performance in high spindle-density applications, and multi-drive firmware maximizes system availability.
- SAS offers seamless Tier 2 enterprise experience, with improved data integrity. SAS 2.0 enables faster data access and larger topologies, increasing system scalability, data throughput and connectivity.
- Self-Encrypting Drive (SED) option cuts IT drive retirement expenses while securely protecting data
- FIPS Self-Encrypting Drive option provides all the benefits of SED and is NIST certified to meet U.S., Canada and U.K. federal data encryption compliance requirements.



Features

HDD size *	2.5"
HDD capacity *	160 GB
HDD speed *	7200 RPM
Interface *	Serial ATA II
Type *	HDD
Storage drive buffer size	32 MB
HDD interface transfer rate	3 Gbit/s
Read seek time	8.5 ms
Write seek time	9.5 ms
Average latency	4.16 ms
Bytes per sector	512
Mean time between failures (MTBF)	1200000 h

Power

Power consumption (typical)	2.8 W
Power consumption (idle)	2.3 W
Operating voltage	5 V

Operational conditions

Operating temperature (T-T)	5 - 55 °C
Storage temperature (T-T)	-40 - 70 °C
Operating vibration	0.5 G
Non-operating vibration	2.4 G

Weight & dimensions

Width	70 mm
Height	14.8 mm
Depth	100.5 mm
Weight	188 g

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