

## Seagate Constellation ST31000425SS internal hard drive 3.5" 1.02 TB Serial ATA II



**Brand :** Seagate

**Product family:** Constellation

**Product code:** ST31000425SS

**Product name :**  
ST31000425SS

Constellation ES SAS 6Gb/s 1-TB Hard Drive with Secure Encryption

[Seagate Constellation ST31000425SS internal hard drive 3.5" 1.02 TB Serial ATA II:](#)

Constellation ES drives offer the world's highest capacity at 2TB while providing enterprise robustness for Tier 2/nearline environments. They are differentiated from 3.5-inch desktop drives by offering enterprise-class reliability and superior data integrity with a UER of 1E10-15. Enterprise-class rotational vibration tolerance provides robust protection from chassis and fan vibrations (RV 12.5 rad/sec 20 to 1500Hz). The drives are offered with either a 3-Gb/s SATA interface or a 6-Gb/s SAS 2.0 interface for superior data protection at industry-leading speeds, along with optional power saving modes with PowerChoice.

Seagate Constellation ST31000425SS. HDD size: 3.5", HDD capacity: 1.02 TB, HDD speed: 7200 RPM

Features		Operational conditions	
HDD size *	3.5"	Operating shock	70 G
HDD capacity *	1.02 TB	Weight & dimensions	
HDD speed *	7200 RPM	Width	101.6 mm
Interface *	Serial ATA II	Height	26.1 mm
Storage drive buffer size	16 MB	Depth	147 mm
Read seek time	8.5 ms	Weight	640 g
Write seek time	9.5 ms	Other features	
Average latency	4.16 ms	Internal	✓
Power		Mac compatibility	✗
Power consumption (typical)	8 W	USB powered	✗
Operating voltage	5 / 12 V	Drive device, transfer rate	150 MB/s
Operational conditions		External power adapter	✗
Operating temperature (T-T)	5 - 60 °C	USB required	✗

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 02-JAN-2024. Prints or copies of Information are only valid on the printed Publication date