Capacity-Optimised

Product Overview

Seagate® Constellation® CS

Hard Drive Designed for Bulk Cloud Storage

- The industry's first capacity-optimised hard drive intended for bulk cloud storage

- Affordable way to meet the need for vast amounts of unstructured data storage in the cloud

- Power-efficient 1TB, 2 TB and 3 TB drives that keep infrastructure costs to a minimum

- Helps maximise return on investment with secure and easy drive retirement

Ideal for Cloud Bulk Storage Applications

- The Seagate® Constellation CS 7,200 RPM drive features enterprise-class attributes, including RV tolerance for consistent performance in multi-drive replicated systems.

- Maximise data centre footprint usage by supporting up to 114 TB per square foot.

- With 1 TB, 2 TB and 3 TB* capacity options, the Constellation CS drive is ideal for storing vast amounts of unstructured data in the cloud.

- At the lowest £ per GB for an enterprise-class 24×7drive, it's the most affordable and reliable bulk data storage.

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Reliable, Energy-Efficient Storage for 24×7 Requirements

- At less than 2.75W/GB maximum, it's the lowest power usage for a 7,200 RPM enterprise-class hard drive, keeping your cloud data centre efficient by reducing your electrical bills and carbon footprint.

- The 6 Gb/s SATA interface ensures fast, reliable and easy integration into existing infrastructures.

- Backed by a 3-year limited warranty, the Constellation CS drive will thrive in demanding bulk data cloud applications.

The Seagate Advantage

Built upon leading Seagate experience in enterprise storage, the capacity-optimised Constellation CS drive improves cloud storage performance by reducing concerns, such as interoperability, reliability, power consumption and cost of ownership, that are commonly experienced with a drive designed for desktop computers.

The Constellation CS drive, with its RV tolerance, ensures drives are calibrated for multi-drive performance by compensating for excessive vibration and noise levels found in most chassis, and increases drive lifespan and performance over the long term.

Cloud storage management is made easier with the Seagate Instant Secure Erase option, which enables safe, fast, affordable and easy drive retirement and repurposing.

Designed for your Growing Needs

Ideally suited for use in both public and private cloud data centres, the capacity-optimised Constellation CS drive offers just the right amount of enterprise-class features to ensure maximum effectiveness in demanding 24×7 environments without breaking the bank.

* Seagate recommends validating your configuration with your HBA/RAID controller manufacturer to ensure full 3 TB capacity capabilities.

Specifications	
Capacities[1]	3 TB, 2 TB, 1 TB
Interface	SATA 6 Gb/s
Sustained Data Rate	150 MB/s to 180 MB/s
Cache	64 MB
Spindle Speed	7,200 RPM
Reliability (MTBF)	800K hours
Operating Power	less than 8W
Limited Warranty	3 years

[1] One terabyte, or TB, equals one trillion bytes when referring to drive capacity.